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ABSTRACT

This document presents statistical data of direct federal science and engineering support to higher education institutions in the United States. Data presented in the report are collected annually and exclude financial support of an indirect nature. There are six categories of support presented: (1) "Research and Development"; (2) "Research and Development Plant"; (3) "Facilities and Equipment for Instruction in Science and Engineering"; (4) "Fellowships, Traineeships, and Training Grants"; (5) "General Support for Science and Engineering"; and (6) "Other Science and Engineering Activities." The Table of Contents includes technical notes on the scope of the survey, categories of support, and types of institutions as well as detailed statistical tables on federal science and engineering obligations. (YDS)

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ED 456 023

Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions

Fiscal Year 1999

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Detailed Statistical Tables

SE064944

Division of Science Resources Studies
Directorate for Social, Behavioral, and Economic Sciences

National Science Foundation
April 2001

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Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions

Fiscal Year 1999

Detailed Statistical Tables

Richard Bennof, Project Officer

Division of Science Resources Studies
Directorate for Social, Behavioral, and Economic Sciences

National Science Foundation April 2001

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April 2001

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NATIONAL SCIENCE FOUNDATION
4201 WILSON BOULEVARD
ARLINGTON, VIRGINIA 22230

OFFICE OF THE
DIRECTOR

LETTER OF TRANSMITTAL

Dear Mr. President:

It is my honor to transmit to you the statistical report, *Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1999*, in accordance with the National Science Foundation Act of 1950, as amended.

Respectfully yours,

Rita R. Colwell

Rita R. Colwell
Director

The President
The White House
Washington, DC 20500

FOREWORD

Institutions of higher education, the major source of the Nation's scientists and engineers, perform about one-half of the Nation's basic research. Therefore, the level, distribution, and characteristics of Federal academic support are of much interest to officials at Federal, State, and local levels and in nongovernmental sectors.

The National Science Foundation Act of 1950, as amended, requires that the Foundation " . . . initiate and maintain a program for the determination of the total amount of money for scientific and engineering research, including money allocated for the construction of the facilities wherein such research is conducted, received by each educational institution and appropriate nonprofit organization in the United States, by grant, contract, or other arrangement from agencies of the Federal Government, and to report annually thereon to the President and the Congress."

To fulfill this requirement, the Foundation has utilized the data collection system originally designed by the Committee on Academic Science and Engineering of the Federal Council for Science and Technology. The Foundation annually collects statistical data from the 18 Federal agencies that account for virtually all support for science and engineering (S&E) research and development at educational institutions. Data are also collected on these agencies' obligations to nonprofit institutions.

Since its inception, this survey system has been the sole source of data on Federal funding to individual institutions for S&E activities and therefore attracts a wide audience. These data provide information that enables users to examine patterns of support for individual institutions over time and to compare such patterns with those of other institutions.

We are grateful for the continued cooperation of the responsible staff members in the participating agencies, and we appreciate their efforts to assist us in ensuring the quality of their data submissions.

Lynda T. Carlson
Director
Division of Science Resources Studies
National Science Foundation

April 2001

ACKNOWLEDGMENTS

The preparation of *Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1999,* was managed by Richard J. Bennof, Analyst, National Science Foundation (NSF), Division of Science Resources Studies (SRS), Research and Development Statistics Program (RDS), under the overall direction of John E. Jankowski, Program Director, RDS, with guidance and review provided by Mary J. Frase, Deputy Director, SRS, and Ronald S. Fecso, Chief Statistician, SRS. Julia H. Harriston and Tanya R. Gore of the Information Services Group of SRS provided copyediting, processing, and final compositions for this report. Mr. John R. Gawalt, Director of the Information Services Group and his web team handled electronic publication. QRC Division of Macro International Inc. of Bethesda, MD, under NSF contract number SRS-9732370, prepared the tables and report copy. QRC staff members who worked on this project were Keri R. Fullmer, Gail H. Henry, Elizabeth H. Peto, Michael J. Rossi, and Doorjodhan Singh.

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GENERAL NOTES

The data presented in these tables cover all categories of direct Federal science and engineering (S&E) support to institutions of higher education in the United States for science and engineering (S&E) activities. The 18 agencies listed in these tables provide virtually all of the Federal funding for S&E research and development (R&D) at U.S. universities and colleges. Data are also reported on these agencies' obligations to nonprofit institutions.

The Fiscal Year (FY) 1999 data in this report were submitted by 18 Federal agencies, covering the period October 1, 1998, through September 30, 1999. Because of space constraints, data for 9 agencies are often combined and reported in an "other" category in tables that show funding by agency. The 9 agencies are the Agency for International Development; the Appalachian Regional Commission; the Departments of Housing and Urban Development, Interior, Labor, and Transportation; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

The following agencies were included in the "other" category, if they reported obligations in the variables represented by the table:

Table B-9 includes the Departments of Housing and Urban Development, Labor, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

Tables B-12, B-13, B-16, B-24, and B-25 include the Departments of Housing and Urban Development, Interior, Labor, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

Tables B-10 and B-14 include the Departments of Labor and Transportation; and the Office of Justice Programs.

Table B-18 includes the Department of Transportation.

Table B-21 includes the Departments of Labor and Transportation; the Office of Justice Programs; and the Social Security Administration.

Table B-23 includes the Departments of Labor, Interior, and Transportation; the Office of Justice Programs; and the Social Security Administration.

Tables B-28 and B-30 include the Departments of Housing and Urban Development, Labor, and Transportation; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

Table B-27 includes the Departments of Housing and Urban Development, Interior, Labor, and Transportation; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

Table B-29 includes the Office of Justice Programs.

The detailed agency-specific data are available from the National Science Foundation (NSF) upon request. In FY 1999, the 18 agencies reported obligations to 1,088 universities and colleges, 35 academic system offices, and 1,038 independent nonprofit institutions.

Because of rounding, data in the text or tables may not add to the totals or subtotals shown. Reported obligations were rounded to the nearest thousand dollars by the submitting agency.

For survey data or more information about *Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions*, contact:

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SECTION A.

TECHNICAL NOTES

SCOPE OF SURVEY

Data presented in this report are collected annually through the National Science Foundation's (NSF's) congressionally mandated Survey of Federal Science and Engineering (S&E) Support to Universities, Colleges, and Nonprofit Institutions (the Federal S&E support survey). The survey originated in 1965, when the Committee on Academic Science and Engineering (CASE) within the Federal Council for Science and Technology established the CASE data collection system to report annually on Federal S&E obligations to academic institutions and associated federally funded research and development centers (FFRDCs). Since 1968, CASE data, as well as data on nonprofit institutions, also have served as the basis for an annual report to the President and Congress. This survey is designed to collect information from Federal agencies on (1) total S&E program support to academic institutions, and (2) research and development (R&D) and R&D plant support to nonprofit institutions.

The data are presented in terms of Federal obligations provided for direct support of academic S&E. The data exclude financial support of an indirect nature, such as funds allocated to state agencies, even if the final recipient of such funds is known to be an academic institution. Data on type of institutional control and on highest degree granted are not presented in this report but are available upon request (see "Data Availability" at the end of this section).

Obligations are the amounts for orders placed, contracts awarded, services received, and similar transactions during a given period, regardless of when the funds were appropriated and when future payment of money is required. Obligations differ from expenditures in that funds allocated by Federal agencies during one fiscal year may be spent by the recipient institution either partially or entirely during one or more subsequent years.

The obligations listed for individual institutions reflect direct Federal S&E support. Thus, amounts subcontracted and subgranted to other institutions are included, but funds received through subrecipient arrangements from prime recipients are excluded.

Obligations should be reported in thousands of dollars. Obligations totaling less than $500 for any specific activity (e.g., R&D, general support for S&E) should be reported as zero.

Obligations are listed as awards to individual institutions within a system (e.g., to the University of California, Los Angeles rather than to the University of California system as a whole). However, obligations awarded directly to the central administration of a system are listed separately. If the final destination of the funds is not known, the agencies report them as obligations to a system's administrative office from which the funds are distributed to the system's individual institutions.

CHANGES IN REPORTING

Since these data were first collected in 1965, there have been some changes in reporting. The most recent of these include the following:

- During the FY 1987 survey cycle, the Department of Defense (DoD) determined that some funds reported in prior years as R&D obligations to the Johns Hopkins University Applied Physics Lab (APL) were more appropriately classified as "other sciences and engineering." Data for FYs 1984-86 were revised, but DoD was unable to revise data for earlier years. In FY 1999, APL accounted for more than 95 percent of DoD's total S&E funding of $344 million to Johns Hopkins.

- To better differentiate between that part of the Federal R&D budget that supports "science and key enabling technologies" (including for military and nondefense applications) and that part that primarily concerns "testing and evaluation of large technical systems prior to production" (of mostly defense-related systems), NSF, has since FY 1994, collected data on DoD development dollars in two categories: advanced technology development and major systems development.

- Before FY 1993, NSF published data on a seventh obligations category (see "Categories of Support," below) covering non-S&E activity. Since then, however, the Department of Education has made major software modifications to the automated system from which its Federal S&E data were produced. The revamped coding structure introduced major trend differences for the department's institution data.

Consequently, because Education accounted for 91 percent ($5.9 billion) of the total Federal support for "non-S&E" ($6.5 billion) for FY 1993, NSF no longer publishes non-S&E totals. To explain Education's downward academic R&D trend between FYs 1993 and 1994 (from $95 million to $49 million), the agency stated that academic R&D programs in FY 1994 either were not funded, did not have an S&E component, or received reductions in funding.

- Beginning with the FY 1996 survey cycle, the NSF determined that Federal agencies would no longer report obligations for fields of S&E.
- Beginning with the FY 1999 survey cycle, the NSF determined that Federal agencies would no longer report obligations to academic or nonprofit FFRDCs.

CATEGORIES OF SUPPORT

The data presented here include all obligations for academic S&E: this comprises Federal obligations for R&D; R&D plant; facilities and equipment for S&E instruction; fellowships, traineeships, and training grants; general support for S&E; and other S&E activities. These support categories are defined below.

1. **Research and development** includes all direct, indirect, incidental, or related costs resulting from or necessary to performance of R&D by private individuals and organizations under grant, contract, or cooperative agreement. Demonstration projects designed to test or prove whether a technology or method is, in fact, workable are considered to be within the scope of R&D if they are designed to produce new information, and are accomplished within a given time period. The following activities are excluded from R&D, but should be reported under one or more of five other S&E categories:

   - Routine product testing
   - Quality control
   - Topographical mapping and surveys
   - Collection of general-purpose statistics
   - Experimental production
   - Demonstrations designed to exhibit new technologies or methods or disseminate information thereon

   - Scientific and technical information activities

   - R&D facilities and fixed equipment

   Research is systematic study directed toward fuller scientific knowledge or understanding of the subject studied. Research is classified as either basic or applied according to the objectives of the sponsoring agency. In **basic research**, the objective of the sponsoring agency is to generate knowledge of the underlying foundations of phenomena and of observable facts without specific applications toward processes or products in mind. In **applied research**, the objective of the sponsoring agency is the creation of knowledge or understanding necessary to determine the means by which a recognized and specific need may be met.

   Development is systematic use of knowledge and understanding gained from research directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes.

   Research equipment is any item (or interrelated collection of items comprising a system) of nonexpendable tangible property or software having a useful life of more than 2 years and an acquisition cost of $500 or more that is used wholly or in part for research. Research equipment is included under R&D.

2. **R&D plant** includes all projects whose principal purpose is to provide support for construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or fixed equipment for use in scientific or engineering *research and development.* A facility is to be interpreted broadly to include any physical resource important to the conduct of research or development. All costs—direct, indirect, and related expenditures—are to be included.

If the R&D facilities are part of a larger facility devoted to other purposes as well, the funds should be distributed among the categories of support involved as appropriate. In general, another category that would be involved is category 3 (facilities and equipment for instruction in science and engineering).

Exclude from the R&D plant category expendable research equipment and office furniture and equipment, and all other activities, i.e., those not specifically related to science and engineering. See definition of "research equipment" under "research and development" category.

3. **Facilities and equipment for instruction in S&E** include all programs whose principal purpose is to provide support for construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or equipment for use in *instruction* in S&E.

   If the instructional facilities are part of a larger facility devoted to other purposes as well, the funds should be distributed among the categories of support involved as appropriate. In general, the other category most likely to be involved is category 2 (R&D plant).

4. **Fellowships, traineeships, and training grants** include all fellowship, traineeship, and training grant programs that are directed primarily toward the development and maintenance of scientific and technical manpower. The total amounts pertaining to such awards (stipends and cost-of-education allowances) are reported in terms of the institution at which the recipient performs research and/or study. EXCLUDED are projects that support research and educational institutes, seminars, and conferences such as teacher training activities provided through teacher institutes, short courses, research participation, and in-service seminars; activities aimed at the development of educational techniques and materials for use in S&E training; and programs that provide special opportunities for increasing the scientific knowledge and experience of precollege and undergraduate students. These activities are to be reported either under category 6 (other activities related to S&E) or not reported if they are not S&E-related.

5. **General support for S&E** includes activities that provide support for nonspecific or generalized purposes related to scientific research and education. Such projects are generally oriented toward academic departments, institutes, or institutions as a whole. "General support" implies a spectrum of varying types of support. At one extreme is support provided without any specification of purpose other than that funds be used for scientific activities. Another kind of "general support" is to be found in projects that provide funds for activity within a specified field of S&E but without specification of explicit purpose. The distinguishing feature of "general support for S&E" projects is that they permit a significant measure of freedom as to purpose (research, faculty support, education, institutional support, etc.).

   It is intended that among the projects to be reported under the category "general support for S&E" are projects awarded through these agency programs:

   - NIH Minority Biomedical Research Support for Undergraduate Colleges
   - NIH Minority Biomedical Support Grants

6. **Other S&E activities** include all academic S&E activities that cannot meaningfully be assigned to one of the five categories previously set forth. Among the types of activities to be included in this category are support for scientific conferences and symposia, teacher institutes, and activities aimed at increasing the scientific knowledge of precollege and undergraduate students.

TYPES OF INSTITUTIONS

The types of institutions covered by this survey are universities and colleges, independent nonprofit institutions, and consortia of both universities and colleges and of independent nonprofit institutions.

UNIVERSITIES AND COLLEGES

Universities and colleges are those institutions of higher education in the United States that offer at least 1 year of college-level study leading toward a degree. The universe of academic institutions for this survey is derived from the higher education institution portion of the Department of Education's Integrated Postsecondary Education Data System (sponsored by the National Center for Education Statistics) and the *2000 Higher Education Directory* (published by Higher Education Publications, Inc.).

Institutions included are those that received Federal S&E support during FY 1999. This support may have been provided to any part of the academic institution—its colleges (e.g., of liberal arts) and schools (e.g., of agriculture), professional schools, hospitals, agricultural experiment stations, bureaus, offices, and research centers (excluding FFRDCs), whether located on or off the main campus or at branch campuses controlled directly by the parent institution. Further, the institutions included must have a significant degree of academic and administrative autonomy. For example, institutions within a system (a group of institutions having a collective legal status and generally recognized by a state government, a board of education, or other relevant organization) in which a significant degree of autonomy remains at the individual institution level are presented separately; however, obligations to branch campuses are included in the totals for the parent institutions. Obligations to the U.S. Department of Agriculture Graduate School are not included.

INDEPENDENT NONPROFIT INSTITUTIONS

Independent nonprofit institutions are legal entities other than universities and colleges, privately organized or chartered to serve the public interest, and exempt from most forms of Federal taxation. Data presented for nonprofit institutions are obligations for R&D and R&D plant reported by as many as 18 participating agencies.

Coverage of the nonprofit sector in the Federal S&E support survey was expanded beginning in the late 1970s to include all types of nonprofit institutions that receive Federal R&D funds. For NSF's purposes, these types of institutions are defined as follows:

1. **Research institute:** A separately incorporated, independent nonprofit organization operating under the direction of its own controlling body whose primary function is the performance of R&D in S&E.

2. **Voluntary hospital:** This is a member of the American Hospital Association not subject to the control of either Federal, state, or local governments nor an integral part of any institution of higher education. Note that hospitals that have been set up by research institutes and that, although providing patient care, function primarily as laboratories for research institutes are themselves classified as research institutes.

3. **All other independent nonprofit institutions:**
   - **Professional or technical society or academy of science and engineering:** A voluntary association of individuals sharing a common interest in the advancement of knowledge—either within a single field or across a broad spectrum of disciplines—whose major function is to aid and encourage the collection, collation, and dissemination of S&E knowledge for the benefit of their members and the community as a whole.

   - **Private foundation:** A nongovernmental nonprofit organization, with a principal fund of its own managed by its own trustees or directors, established to maintain, aid, or facilitate social, educational, charitable, religious, or other activities serving the common welfare. Private foundations include operating foundations that allocate the greater proportion of their R&D budgets to intramural performance and philanthropic foundations that allocate most of their funds to grants and contracts for research to be performed extramurally.

   - **Science exhibitor:** A nonprofit organization whose primary goal is to expand scientific literacy within a community by providing exhibits that display and interpret the latest scientific findings within its field or fields. Included in this category are museums, zoos, botanical gardens, and arboretums.

- **Trade association:** An organization of business competitors in a specific industry or business that is interested primarily in the commercial promotion of products or services. Membership is usually held in the name of a business entity. Activities may fall into one or more of the following areas: business ethics, management practices, standardization, commercial (statistical) research, publication, promotion, and public relations.

- **Agricultural cooperative:** An organization of individuals or business entities that are normally competitors in the production and sale of agricultural products. Activities may fall into one or more of the following areas: collective marketing or purchasing, research, public relations, and improvement of economic conditions for the U.S. farm population.

Consortia

Consortia are organizations formed by the membership of a number of institutions from one or more performers (academic, nonprofit, industrial, etc.) in order to promote and support efforts to enhance knowledge in one or more science or engineering disciplines. NSF has identified several consortia and has classified them as either academic or nonprofit types based on the predominance of their membership at the time of identification.

Data Comparability with Other SRS Studies

Federal Funds for Research and Development

Data presented here on R&D and R&D plant by agency sometimes differ significantly from similar data presented in the annual NSF survey, Federal Funds for Research and Development (or the "Federal funds survey"). Much of the difference lies in the two surveys' treatment of interagency transfers. Interagency transfers of funds obligated to an academic or nonprofit institution are reported here by the agency that actually obligates the funds to the receiving institution. In the Federal funds survey, however, obligations are reported by the agency in which the funds originated.

Other differences between the data compiled by the two surveys stem from the following factors:

1. **Agencies involved:** In the present survey, data are reported by as many as 18 Federal agencies on their S&E obligations to institutions of higher education; these agencies together obligate virtually all Federal support to academic R&D. For the Federal funds survey, budget data on R&D and R&D plant are gathered from the 30 Federal agencies with such programs.

2. **Scope of information:** Data collected in the Federal S&E support survey pertain only to individual academic and nonprofit institutions. Those collected in the Federal funds survey relate to all types of performers. Furthermore, the Federal funds survey provides detailed data on the character of work (basic research, applied research, and development); data from the Federal S&E support survey are not comparably disaggregated.

3. **Data sources:** The two surveys rely on different sources of data and on different methods of data collection. For example, data for the Federal S&E support survey are generally processed from award files; Federal funds survey data are usually derived from agency budget documents.

4. **Preparer interpretations:** Several agencies rely on personnel from separate internal offices to respond to the two surveys. These respondents frequently differ in their interpretation of survey questions. The National Institutes of Health, for example, report Minority Biomedical Support Grants under "general support for science and engineering" in the Federal S&E support survey, but under "research and development" in the Federal funds survey.

National Patterns of R&D Resources

NSF publishes one other report related to Federal R&D funding, *National Patterns of R&D Resources*. This report provides statistics on U.S. R&D expenditures categorized by provider of funds (Federal Government, non-Federal Government, industry, academia, and nonprofit institutions), type of performer (Federal Government, industry, academia, nonprofit institutions, and federally funded research and development centers), and character of work (basic research, applied research, and development). In the report, R&D expenditure levels from Federal sources are based on performer-reported surveys, which differ from Federal R&D funding totals reported by the Federal agencies that provide those funds. During the past several years, these differences have widened. The difference in the Federal R&D totals appears to be concentrated in the funding of industry R&D by the Department of Defense. See *National Patterns of R&D Resources: 1999* (NSF 00-306) for detailed discussion and documentation of these differences.

DATA AVAILABILITY

FEDERAL SCIENCE AND ENGINEERING SUPPORT TO UNIVERSITIES, COLLEGES, AND NONPROFIT INSTITUTIONS

Data published in this report are also available on the World Wide Web. Information on file formats and the years for which they are available can be found at http://www.nsf.gov/sbe/srs/fedsuppt/start.htm.

INSTITUTIONAL PROFILES

Selected data items for individual doctorate-granting institutions and schools with S&E departments that grant a master's degree are available on computer-generated institutional profiles. An institutional profile consists of data not only from this survey, but from NSF's other two academic S&E surveys: the Survey of Research and Development Expenditures at Universities and Colleges, and the Survey of Graduate Students and Postdoctorates in Science and Engineering.

WEBCASPAR

Institutional researchers can obtain data from several academic S&E resources through the Web Computer-Aided Science Policy Analysis and Research (WebCASPAR) database system, which is an easy-to-use tool for the retrieval and analysis of statistical data on academic S&E resources.

WebCASPAR provides an extensive and growing data library with multiyear statistics on the state of higher education in general and on academic S&E resources specifically. This data library is based on a set of standard institutional and field-of-science definitions across the multiple sources used to develop the database. The WebCASPAR program includes built-in help capabilities to facilitate the use and interpretation of the data.

WebCASPAR data are drawn from a number of sources. All data are available for individual institutions, by state, and at the national level. Longitudinal data from surveys of universities and colleges conducted by NSF's Division of Science Resources Studies include the Federal S&E support survey, academic R&D expenditures survey, Federal funds survey, and graduate student survey cited above. Data from the Integrated Postsecondary Education Data System conducted by the National Center for Education Statistics are also included. Data from other sources include the National Research Council's assessment of research doctorate programs.

The latest version of WebCASPAR can be accessed via the World Wide Web at http://caspar.nsf.gov/webcaspar.

SECTION B.

DETAILED STATISTICAL TABLES: FEDERAL SCIENCE AND ENGINEERING OBLIGATIONS

To obtain accurate historical data, use only the latest detailed statistical tables (covering FY 1999) and not data published earlier. Data presented in trend tables are assembled from the most recent completed survey cycle. Data for prior years are reviewed for consistency with current-year responses and, when necessary, are revised in consultation with agencies and/or institutions. For that reason, references to prior-years' data should be restricted to those published in this document.

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Table B-1. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity: fiscal years 1963-1999

[Dollars in thousands]

Fiscal year	Total	Research and development [1]	R&D plant [2]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities [1]
1963	1,328,511	829,524	105,896	(3)	(3)	(3)	393,091
1964	1,528,604	975,597	100,837	(3)	(3)	(3)	452,170
1965	1,816,171	1,094,963	126,196	(3)	(3)	(3)	595,012
1966	2,163,504	1,252,146	114,767	(3)	365,560	(3)	431,031
1967	2,323,795	1,301,242	111,309	(3)	447,236	(3)	464,008
1968	2,349,817	1,398,305	96,148	(3)	440,895	(3)	414,469
1969	2,361,399	1,474,681	54,516	(3)	436,270	(3)	395,932
1970	2,187,579	1,446,618	44,778	(3)	429,408	(3)	266,775
1971	2,343,129	1,551,391	29,942	28,729	421,029	99,669	212,369
1972	2,599,111	1,853,085	36,917	26,341	387,888	83,288	211,592
1973	2,464,362	1,870,690	43,338	13,372	287,210	38,964	210,788
1974	2,736,984	2,085,204	29,009	3,506	326,600	86,974	205,691
1975	2,805,877	2,246,182	44,787	5,026	201,273	46,353	262,256
1976	2,959,656	2,430,970	23,899	3,210	174,871	74,483	252,223
1977	3,351,337	2,803,017	36,471	3,282	184,671	75,928	247,968
1978	3,962,500	3,388,438	34,328	4,906	205,925	74,398	254,505
1979	4,473,529	3,874,384	32,068	6,743	204,866	92,483	262,985
1980	4,790,972	4,160,543	37,780	3,776	210,121	91,541	287,211
1981	5,062,856	4,410,931	27,694	4,563	205,448	92,721	321,499
1982	5,179,610	4,554,475	31,200	829	176,582	80,137	336,387
1983	5,680,699	5,024,398	37,547	2,522	189,616	94,847	331,769
1984	6,308,014	5,448,821	49,764	1,889	194,895	112,588	500,057
1985	7,257,862	6,246,181	113,932	4,947	253,082	119,171	520,549
1986	7,431,624	6,457,495	105,827	4,990	246,196	111,130	505,986
1987	8,568,215	7,241,932	229,875	13,722	290,942	236,933	554,811
1988	9,138,149	7,721,109	202,907	13,345	309,348	171,826	719,614
1989	10,080,452	8,528,387	237,010	16,911	340,458	197,745	759,941
1990	10,470,816	9,016,672	141,651	19,241	393,820	143,917	755,515
1991	11,907,557	10,091,898	163,349	32,792	469,297	192,823	957,398
1992	12,838,077	10,926,788	209,173	38,983	511,127	160,166	991,840
1993	12,834,791	11,025,098	259,421	33,247	526,331	66,827	923,867
1994	13,867,144	11,898,103	216,558	48,734	633,228	136,555	933,966
1995	14,461,050	12,180,859	341,343	51,581	674,464	263,992	948,811
1996	14,449,919	12,345,709	248,222	49,023	636,293	219,009	951,664
1997	15,095,984	13,019,428	275,955	29,889	676,610	170,843	923,259
1998	16,093,819	13,876,806	156,582	22,771	757,312	237,908	1,042,440
1999	18,057,927	15,569,904	172,652	46,992	843,736	314,652	1,109,991

[1] See Technical Notes, "Changes in Reporting."

[2] See Technical Notes, "Categories of Support."

[3] Not separately identified, but included under "Other S&E activities."

NOTE: Some trend shifts are related to institutional reclassification. Beginning in fiscal year (FY) 1978, two laboratories that were formerly considered academically administered federally funded research and development centers became part of their respective institutions: Applied Physics Laboratory (Johns Hopkins University) and Applied Research Laboratory (Pennsylvania State University). Data for these laboratories are included in the academic figures beginning in FY 1978. Similarly, Draper Laboratories separated from the Massachusetts Institute of Technology (MIT) as of FY 1974 to become an independent nonprofit institution; data for this laboratory are included in MIT's figures prior to FY 1974.

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

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Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

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Fiscal year	Total	USDA	ARC	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS [3]	HUD
	Total											
1963	1,328.5	104.0	NA	1.8	218.0	NA	NA	76.1	NA	NA	581.0	NA
1964	1,528.6	115.0	NA	1.7	258.1	NA	NA	79.9	NA	NA	683.8	NA
1965	1,816.2	135.6	NA	2.6	267.9	NA	NA	84.4	NA	NA	856.5	NA
1966	2,163.5	141.0	NA	2.8	278.0	NA	NA	96.9	NA	NA	1,109.2	NA
1967	2,323.8	144.8	NA	4.4	264.1	NA	NA	109.6	NA	NA	1,251.0	NA
1968	2,349.8	144.2	NA	8.0	243.1	12.5	NA	119.7	NA	NA	1,229.4	1.7
1969	2,361.4	155.9	NA	2.2	278.7	9.3	NA	121.0	NA	NA	1,261.8	1.1
1970	2,187.6	182.1	NA	3.9	265.5	18.9	NA	114.5	NA	NA	1,036.7	.5
1971	2,343.1	214.6	NA	7.6	249.0	16.4	NA	105.8	27.2	NA	1,142.3	.7
1972	2,599.1	238.6	NA	26.0	243.9	8.3	NA	95.4	23.3	NA	1,318.4	1.5
1973	2,464.4	256.8	NA	28.4	232.9	8.7	NA	96.2	27.7	NA	1,225.0	.9
1974	2,737.0	260.7	NA	29.4	184.4	4.1	NA	99.5	30.9	NA	1,515.4	.6
1975	2,805.9	290.7	NA	25.8	190.5	NA	NA	124.3	38.8	NA	1,467.4	2.3
1976	2,959.7	328.6	NA	38.2	211.9	NA	NA	144.1	33.0	NA	1,522.2	1.4
1977	3,351.3	343.2	NA	32.5	267.3	NA	NA	208.1	46.3	NA	1,686.5	4.3
1978	3,962.5	391.7	NA	35.9	452.3	NA	NA	267.2	57.4	NA	1,900.8	10.5
1979	4,473.5	422.5	NA	48.0	528.7	NA	NA	273.9	66.9	NA	2,216.0	4.0
1980	4,791.0	444.1	NA	51.6	555.9	NA	48.0	309.6	81.5	NA	2,281.1	4.3
1981	5,062.9	491.4	NA	51.8	726.0	NA	56.1	310.4	67.5	NA	2,363.6	3.0
1982	5,179.6	529.7	NA	40.6	857.3	NA	35.6	288.2	83.8	NA	2,332.8	2.6
1983	5,680.7	566.0	NA	51.0	940.3	NA	34.9	320.0	50.3	NA	2,602.2	1.5
1984	6,308.0	607.4	NA	105.8	954.6	NA	43.6	348.4	51.9	NA	2,934.1	.2
1985	7,257.9	652.8	NA	81.2	1,061.1	NA	69.6	451.7	65.2	NA	3,440.0	.2
1986	7,431.6	620.7	NA	70.3	1,206.2	NA	74.0	420.5	70.8	NA	3,536.0	.1
1987	8,568.2	674.7	NA	88.8	1,278.5	NA	280.8	475.2	74.3	NA	4,195.3	.1
1988	9,138.1	741.7	NA	81.4	1,377.4	NA	255.6	536.4	66.2	NA	4,486.2	**
1989	10,080.5	721.7	NA	76.4	1,486.4	NA	269.6	566.4	85.8	NA	4,916.8	.0
1990	10,470.8	762.1	NA	116.1	1,342.2	NA	260.1	556.5	93.6	16.8	5,200.7	.1
1991	11,907.6	867.6	NA	124.0	1,540.7	NA	354.1	662.2	116.0	11.3	5,822.6	**
1992	12,838.1	948.9	NA	132.3	1,511.2	NA	402.3	706.7	150.0	4.5	6,281.6	.2
1993	12,834.8	948.3	NA	109.8	1,835.6	NA	156.4	737.1	152.7	.0	6,093.4	.4
1994	13,867.1	945.3	NA	163.0	1,890.4	NA	170.9	636.4	144.6	.2	6,970.7	.8
1995	14,461.0	952.5	NA	183.4	1,852.1	NA	187.9	637.4	164.6	5.1	7,117.8	1.7
1996	14,449.9	875.9	NA	210.9	1,785.8	NA	175.3	656.1	103.3	.1	7,429.1	1.9
1997	15,096.0	980.4	NA	221.8	1,712.8	NA	171.2	647.6	163.5	**	7,936.8	2.7
1998	16,093.8	867.4	0.3	205.9	1,710.6	NA	242.6	632.5	198.4	.0	8,648.9	.7
1999	18,057.9	946.0	.4	311.3	1,802.0	NA	325.9	651.0	178.8	.0	9,841.3	1.0

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

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Fiscal year	Int	AID [4]	OJP	Labor	NASA	NSF	NRC	SSA	DOS	DOT
	Total									
1963	3.8	NA	NA	NA	87.4	256.3	NA	NA	NA	NA
1964	5.0	NA	NA	NA	107.6	277.5	NA	NA	NA	NA
1965	9.6	NA	NA	NA	134.3	325.2	NA	NA	NA	NA
1966	19.0	NA	NA	NA	142.2	374.5	NA	NA	NA	NA
1967	23.9	NA	NA	NA	131.5	394.5	NA	NA	NA	NA
1968	28.2	NA	NA	6.6	129.8	422.8	NA	NA	NA	3.7
1969	24.3	3.9	NA	9.1	127.2	367.0	NA	NA	NA	NA
1970	27.7	5.5	NA	3.5	131.2	387.4	NA	NA	NA	10.1
1971	22.6	19.1	NA	5.2	134.1	387.7	NA	NA	NA	10.8
1972	24.3	18.7	NA	7.3	119.0	458.7	NA	NA	NA	15.9
1973	23.7	10.7	NA	6.3	111.4	419.6	NA	NA	NA	15.9
1974	23.8	19.9	NA	7.1	98.9	449.6	NA	NA	NA	12.8
1975	28.8	12.4	NA	5.5	108.0	490.5	**	NA	NA	20.8
1976	28.2	13.5	NA	4.5	118.9	496.3	3.2	NA	NA	15.7
1977	29.5	24.4	NA	7.2	121.0	565.8	4.5	NA	NA	10.9
1978	42.5	28.1	NA	12.6	130.5	607.1	8.4	NA	NA	17.5
1979	40.1	28.5	NA	11.1	143.9	671.6	6.9	NA	NA	11.4
1980	42.4	38.6	NA	10.3	171.2	726.4	7.0	NA	NA	19.1
1981	34.2	31.3	NA	12.8	183.5	695.1	7.4	NA	NA	28.5
1982	28.3	50.4	NA	8.4	176.9	728.1	5.0	NA	NA	12.0
1983	32.0	43.4	NA	6.4	203.8	798.8	4.7	NA	NA	25.4
1984	32.2	56.3	NA	3.1	216.6	935.6	4.6	NA	NA	13.6
1985	33.1	57.0	NA	3.4	251.0	1,078.7	5.4	NA	NA	7.6
1986	40.9	44.3	NA	3.7	270.3	1,056.6	3.8	NA	NA	13.6
1987	39.4	53.3	NA	8.3	309.9	1,070.2	3.9	NA	NA	15.3
1988	41.6	48.5	NA	8.0	364.5	1,102.9	3.6	NA	NA	24.2
1989	56.2	65.3	NA	6.5	462.7	1,337.3	4.3	NA	NA	25.1
1990	60.5	47.4	NA	8.6	513.0	1,446.0	4.6	NA	NA	42.6
1991	82.8	31.9	NA	5.8	596.2	1,642.8	5.4	NA	NA	44.1
1992	79.7	27.6	NA	9.2	688.2	1,831.5	5.9	NA	NA	58.3
1993	77.7	11.5	NA	6.6	731.8	1,870.0	4.8	NA	NA	98.8
1994	64.3	12.8	NA	4.8	746.2	2,043.4	6.3	NA	NA	67.0
1995	54.5	167.6	NA	6.0	832.8	2,211.3	6.0	NA	NA	80.3
1996	44.6	107.7	10.2	5.8	770.8	2,205.7	3.8	0.7	NA	62.2
1997	58.2	26.2	16.9	4.6	824.4	2,248.5	5.1	.4	.0	75.0
1998	65.9	33.9	19.9	6.2	924.1	2,451.0	5.2	5.0	.0	75.3
1999	82.1	30.0	22.9	10.6	1,038.6	2,699.2	4.5	5.0	.0	107.2

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

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Fiscal year	Total	USDA	ARC	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS [3]	HUD
	Research and development											
1963	829.5	40.6	NA	1.5	218.0	NA	NA	68.3	NA	NA	332.9	NA
1964	975.6	47.5	NA	1.1	258.1	NA	NA	70.5	NA	NA	399.2	NA
1965	1,095.0	59.1	NA	2.1	267.9	NA	NA	74.8	NA	NA	441.9	NA
1966	1,252.1	62.9	NA	2.1	278.0	NA	NA	83.2	NA	NA	507.3	NA
1967	1,301.2	64.0	NA	3.4	264.1	NA	NA	89.7	NA	NA	577.0	NA
1968	1,398.3	62.2	NA	6.7	243.1	12.5	NA	101.8	NA	NA	619.1	1.0
1969	1,474.7	63.6	NA	1.7	278.7	9.3	NA	103.1	NA	NA	667.1	1.0
1970	1,446.6	67.4	NA	3.2	265.5	18.9	NA	101.4	NA	NA	614.9	.5
1971	1,551.4	74.8	NA	6.9	249.0	16.4	NA	95.9	17.0	NA	695.7	.7
1972	1,853.1	88.6	NA	23.6	243.9	8.3	NA	86.9	17.7	NA	879.3	1.5
1973	1,870.7	93.8	NA	24.9	232.9	8.7	NA	85.2	18.6	NA	903.8	.9
1974	2,085.2	96.7	NA	26.6	184.4	3.4	NA	94.6	24.1	NA	1,129.0	.6
1975	2,246.2	110.5	NA	22.2	190.5	NA	NA	119.2	33.8	NA	1,205.3	2.3
1976	2,431.0	124.2	NA	29.0	211.9	NA	NA	138.1	29.3	NA	1,296.2	1.4
1977	2,803.0	142.2	NA	32.2	267.3	NA	NA	187.2	45.0	NA	1,452.1	4.3
1978	3,388.4	175.3	NA	35.0	452.3	NA	NA	251.1	53.8	NA	1,657.6	10.5
1979	3,874.4	193.8	NA	46.5	528.7	NA	NA	256.4	61.1	NA	1,966.5	4.0
1980	4,160.5	211.8	NA	50.4	555.9	NA	48.0	279.6	76.9	NA	2,025.6	4.3
1981	4,410.9	241.4	NA	51.1	700.5	NA	56.1	281.8	64.2	NA	2,112.8	3.0
1982	4,554.5	256.5	NA	39.7	813.7	NA	35.6	265.2	78.1	NA	2,110.6	.5
1983	5,024.4	273.9	NA	50.1	913.4	NA	34.9	296.6	45.3	NA	2,360.3	1.1
1984	5,448.8	273.0	NA	75.6	827.8	NA	43.6	317.1	47.3	NA	2,681.4	.2
1985	6,246.2	300.4	NA	79.7	908.9	NA	69.6	373.1	61.9	NA	3,098.6	.2
1986	6,457.5	290.1	NA	68.3	1,055.0	NA	72.2	346.9	67.9	NA	3,212.1	.1
1987	7,241.9	296.0	NA	87.6	1,098.9	NA	85.2	371.7	67.1	NA	3,835.3	.1
1988	7,721.1	321.3	NA	75.8	1,194.2	NA	69.6	407.9	64.1	NA	4,128.3	**
1989	8,528.4	336.0	NA	68.4	1,220.6	NA	68.6	449.8	77.5	NA	4,512.6	.0
1990	9,016.7	349.1	NA	102.9	NA	NA	71.1	497.1	87.1	.0	4,776.8	.1
1991	10,091.9	408.9	NA	63.9	NA	NA	94.5	614.1	104.4	.0	5,358.3	**
1992	10,926.8	469.4	NA	70.0	NA	NA	104.6	633.5	135.4	.0	5,855.6	.2
1993	11,025.1	468.2	NA	58.4	NA	NA	94.8	603.0	142.6	.0	5,680.2	.4
1994	11,898.1	474.8	NA	84.2	NA	NA	49.2	603.5	134.6	.0	6,482.9	.8
1995	12,180.9	446.1	NA	102.6	NA	NA	67.5	603.2	148.8	.0	6,593.2	1.7
1996	12,345.7	395.4	NA	115.1	NA	NA	68.6	633.0	89.6	.0	6,879.8	1.9
1997	13,019.4	485.8	NA	116.6	NA	NA	64.2	628.0	148.3	.0	7,340.9	2.7
1998	13,876.8	429.3	0.3	101.6	NA	NA	98.3	611.4	180.1	.0	7,991.8	.7
1999	15,569.9	501.4	.4	140.5	NA	NA	108.2	632.5	162.7	.0	9,070.1	1.0

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

Page 4 of 18

Fiscal year	Int	AID [4]	OJP	Labor	NASA	NSF	NRC	SSA	DOS	DOT
	Research and development									
1963	3.8	NA	NA	NA	59.8	104.6	NA	NA	NA	NA
1964	5.0	NA	NA	NA	78.2	115.8	NA	NA	NA	NA
1965	9.5	NA	NA	NA	100.6	139.2	NA	NA	NA	NA
1966	18.7	NA	NA	NA	107.4	192.5	NA	NA	NA	NA
1967	23.9	NA	NA	NA	109.0	170.2	NA	NA	NA	NA
1968	27.8	NA	NA	6.6	126.1	187.7	NA	NA	NA	3.7
1969	23.5	3.9	NA	9.1	122.3	191.5	NA	NA	NA	NA
1970	27.1	5.5	NA	3.5	127.4	201.2	NA	NA	NA	10.1
1971	21.3	17.1	NA	3.3	128.5	216.9	NA	NA	NA	8.0
1972	23.0	13.5	NA	7.3	112.4	334.7	NA	NA	NA	12.4
1973	22.2	8.4	NA	5.0	102.6	348.5	NA	NA	NA	15.2
1974	22.2	18.4	NA	5.6	92.0	376.1	NA	NA	NA	11.5
1975	27.2	8.3	NA	4.0	100.2	404.6	.0	NA	NA	18.1
1976	25.7	10.7	NA	3.0	106.8	436.6	3.2	NA	NA	14.9
1977	27.4	20.2	NA	7.2	113.7	491.0	3.8	NA	NA	9.6
1978	34.3	24.9	NA	12.6	124.7	531.5	8.4	NA	NA	16.4
1979	35.3	28.0	NA	11.1	137.2	587.8	6.5	NA	NA	11.4
1980	38.8	38.6	NA	10.3	161.3	633.9	6.1	NA	NA	19.1
1981	30.2	31.3	NA	12.8	173.9	616.8	7.0	NA	NA	27.8
1982	21.5	50.4	NA	8.4	167.7	689.8	5.0	NA	NA	11.7
1983	20.8	43.4	NA	6.4	189.4	759.1	4.7	NA	NA	25.1
1984	32.2	56.3	NA	3.1	203.8	869.6	4.6	NA	NA	13.2
1985	32.9	57.0	NA	3.4	237.3	1,011.1	4.9	NA	NA	7.2
1986	40.9	44.3	NA	3.7	254.0	984.7	3.8	NA	NA	13.3
1987	39.4	53.3	NA	8.3	293.7	988.2	3.9	NA	NA	13.2
1988	39.1	48.5	NA	8.0	340.3	999.2	3.6	NA	NA	21.3
1989	52.8	65.3	NA	6.5	436.5	1,207.6	4.3	NA	NA	21.9
1990	57.8	47.4	NA	8.6	472.5	1,305.5	4.6	NA	NA	39.2
1991	70.2	31.9	NA	5.8	537.0	1,439.2	5.4	NA	NA	33.9
1992	67.6	27.6	NA	9.0	590.2	1,605.5	5.9	NA	NA	36.4
1993	69.8	11.5	NA	6.2	604.0	1,616.6	4.8	NA	NA	75.9
1994	63.8	12.8	NA	4.5	640.6	1,680.5	6.3	NA	NA	57.5
1995	54.0	25.4	NA	5.9	710.2	1,733.1	6.0	NA	NA	72.4
1996	43.4	20.0	9.8	5.8	684.1	1,738.1	3.8	0.7	NA	55.8
1997	57.6	11.7	16.9	4.6	729.2	1,816.8	5.1	.4	.0	71.1
1998	65.9	10.0	19.9	6.2	790.8	1,975.2	5.2	5.0	.0	38.1
1999	82.1	10.7	22.5	9.3	905.0	2,155.5	4.5	5.0	.0	70.9

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

Fiscal year	Total	USDA	ARC	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS [3]	HUD
	DoD research only [5]											
1990	NA	NA	NA	NA	720.6	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	NA	841.6	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	NA	NA	840.4	NA	NA	NA	NA	NA	NA	NA
1993	NA	NA	NA	NA	1,131.5	NA	NA	NA	NA	NA	NA	NA
1994	NA	NA	NA	NA	1,257.3	NA	NA	NA	NA	NA	NA	NA
1995	NA	NA	NA	NA	1,107.5	NA	NA	NA	NA	NA	NA	NA
1996	NA	NA	NA	NA	1,134.8	NA	NA	NA	NA	NA	NA	NA
1997	NA	NA	NA	NA	1,040.0	NA	NA	NA	NA	NA	NA	NA
1998	NA	NA	NA	NA	1,090.0	NA	NA	NA	NA	NA	NA	NA
1999	NA	NA	NA	NA	1,150.5	NA	NA	NA	NA	NA	NA	NA
	DoD development only [5]											
1990	NA	NA	NA	NA	476.3	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	NA	482.7	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	NA	NA	475.5	NA	NA	NA	NA	NA	NA	NA
1993	NA	NA	NA	NA	456.9	NA	NA	NA	NA	NA	NA	NA
	DoD advanced technology development [5]											
1994	NA	NA	NA	NA	157.5	NA	NA	NA	NA	NA	NA	NA
1995	NA	NA	NA	NA	152.9	NA	NA	NA	NA	NA	NA	NA
1996	NA	NA	NA	NA	179.9	NA	NA	NA	NA	NA	NA	NA
1997	NA	NA	NA	NA	188.8	NA	NA	NA	NA	NA	NA	NA
1998	NA	NA	NA	NA	206.4	NA	NA	NA	NA	NA	NA	NA
1999	NA	NA	NA	NA	213.2	NA	NA	NA	NA	NA	NA	NA
	DoD major systems development [5]											
1994	NA	NA	NA	NA	187.2	NA	NA	NA	NA	NA	NA	NA
1995	NA	NA	NA	NA	350.4	NA	NA	NA	NA	NA	NA	NA
1996	NA	NA	NA	NA	286.1	NA	NA	NA	NA	NA	NA	NA
1997	NA	NA	NA	NA	290.6	NA	NA	NA	NA	NA	NA	NA
1998	NA	NA	NA	NA	250.5	NA	NA	NA	NA	NA	NA	NA
1999	NA	NA	NA	NA	323.8	NA	NA	NA	NA	NA	NA	NA

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

Fiscal year	Total	USDA	ARC	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS [3]	HUD
	R&D plant [6]											
1963	105.9	.0	NA	.0	.0	NA	NA	2.6	NA	NA	39.2	NA
1964	100.8	.0	NA	.0	.0	NA	NA	4.0	NA	NA	39.9	NA
1965	126.2	3.2	NA	.0	.0	NA	NA	3.8	NA	NA	54.8	NA
1966	114.8	2.0	NA	.0	.0	NA	NA	7.4	NA	NA	48.5	NA
1967	111.3	2.0	NA	0.3	.0	NA	NA	13.8	NA	NA	38.1	NA
1968	96.1	1.9	NA	.2	.0	.0	NA	11.9	NA	NA	36.9	.0
1969	54.5	1.2	NA	.0	.0	.0	NA	11.4	NA	NA	20.5	.0
1970	44.8	1.1	NA	**	.0	.0	NA	7.1	NA	NA	20.0	.0
1971	29.9	.0	NA	.0	.0	.0	NA	4.8	.0	NA	15.2	.0
1972	36.9	.0	NA	.0	.0	.0	NA	4.1	.0	NA	22.2	.0
1973	43.3	.0	NA	.3	.0	.0	NA	5.6	.0	NA	26.7	.0
1974	29.0	.0	NA	.0	.0	.0	NA	4.2	.0	NA	14.5	.0
1975	44.8	.0	NA	.0	.0	NA	NA	4.2	.0	NA	22.9	.0
1976	23.9	.0	NA	1.0	.0	NA	NA	5.6	.0	NA	11.4	.0
1977	36.5	.0	NA	.0	.0	NA	NA	17.5	.0	NA	11.1	.0
1978	34.3	.0	NA	.0	.0	NA	NA	13.4	**	NA	9.9	.0
1979	32.1	.0	NA	.0	.0	NA	NA	9.1	.0	NA	7.5	.0
1980	37.8	.0	NA	.0	.0	NA	.0	20.6	.0	NA	4.4	.0
1981	27.7	.0	NA	.0	1.1	NA	.0	19.6	.0	NA	2.0	.0
1982	31.2	.0	NA	.0	.5	NA	.0	18.8	1.4	NA	5.4	.0
1983	37.5	9.6	NA	.0	.0	NA	.0	17.2	.1	NA	1.5	.0
1984	49.8	9.6	NA	.0	.0	NA	.0	29.5	.1	NA	.7	.0
1985	113.9	9.6	NA	.0	**	NA	.0	77.7	.1	NA	11.4	.0
1986	105.8	9.1	NA	1.2	.0	NA	1.8	73.0	.0	NA	4.2	.0
1987	229.9	65.4	NA	.1	.0	NA	49.2	102.9	.0	NA	4.2	.0
1988	202.9	68.0	NA	.0	.0	NA	1.3	127.7	.0	NA	.0	.0
1989	237.0	31.1	NA	1.2	57.9	NA	1.3	115.5	.0	NA	22.0	.0
1990	141.7	45.1	NA	.1	.0	NA	.0	57.2	.0	16.8	13.7	.0
1991	163.3	58.3	NA	.3	14.7	NA	2.1	41.4	.0	11.3	25.7	.0
1992	209.2	58.3	NA	.2	.0	NA	.4	63.7	.0	4.5	17.2	.0
1993	259.4	55.1	NA	.4	.0	NA	.0	120.2	.0	.0	10.6	.0
1994	216.6	38.9	NA	.3	.3	NA	.0	24.8	.0	.2	16.3	.0
1995	341.3	66.9	NA	2.0	5.8	NA	.0	15.5	.0	5.1	12.3	.0
1996	248.2	51.0	NA	.0	2.3	NA	.0	16.4	.0	.1	17.7	.0
1997	276.0	59.2	NA	3.7	12.3	NA	.0	13.1	.0	**	39.0	.0
1998	156.6	.0	.0	2.1	.4	NA	.0	11.8	.0	.0	21.4	.0
1999	172.7	.0	.0	3.3	**	NA	.0	9.5	.0	.0	31.8	.0

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

Fiscal year	Int	AID [4]	OJP	Labor	NASA	NSF	NRC	SSA	DOS	DOT
	R&D plant [6]									
1963	0.1	NA	NA	NA	13.4	50.6	NA	NA	NA	NA
1964	.0	NA	NA	NA	9.1	47.8	NA	NA	NA	NA
1965	**	NA	NA	NA	8.4	56.0	NA	NA	NA	NA
1966	.2	NA	NA	NA	7.4	49.3	NA	NA	NA	NA
1967	.0	NA	NA	NA	5.0	52.1	NA	NA	NA	NA
1968	.0	NA	NA	.0	.0	45.3	NA	NA	NA	.0
1969	**	.0	NA	.0	.0	21.4	NA	NA	NA	NA
1970	.0	.0	NA	.0	.0	16.5	NA	NA	NA	.0
1971	.0	.0	NA	.0	.2	9.7	NA	NA	NA	.0
1972	.0	.0	NA	.0	.6	10.0	NA	NA	NA	.0
1973	.2	.0	NA	.0	3.0	7.4	NA	NA	NA	.0
1974	.0	.0	NA	.0	.1	10.2	NA	NA	NA	.0
1975	.0	.0	NA	.0	.1	17.6	.0	NA	NA	.0
1976	.0	.0	NA	.0	.1	5.9	.0	NA	NA	.0
1977	.0	.0	NA	.0	**	7.3	.0	NA	NA	0.5
1978	.0	.0	NA	.0	.0	11.0	.0	NA	NA	**
1979	.0	0.5	NA	.0	.2	14.7	.0	NA	NA	.0
1980	.0	.0	NA	.0	.2	12.6	.0	NA	NA	.0
1981	.0	.0	NA	.0	.1	4.9	.0	NA	NA	.0
1982	.0	.0	NA	.0	.2	4.9	.0	NA	NA	.0
1983	.0	.0	NA	.0	1.5	7.7	.0	NA	NA	.0
1984	.0	.0	NA	.0	.3	9.7	.0	NA	NA	.0
1985	.0	.0	NA	.0	.2	14.9	.0	NA	NA	.0
1986	.0	.0	NA	.0	.4	16.0	.0	NA	NA	.0
1987	.0	.0	NA	.0	.6	7.4	.0	NA	NA	.0
1988	.0	.0	NA	.0	.6	5.4	.0	NA	NA	.0
1989	.0	.0	NA	.0	1.2	6.7	.0	NA	NA	.0
1990	.0	.0	NA	.0	1.3	7.5	.0	NA	NA	.0
1991	.0	.0	NA	.0	.8	8.8	.0	NA	NA	.0
1992	.0	.0	NA	.0	1.1	63.8	.0	NA	NA	.0
1993	.0	.0	NA	.0	9.9	63.3	.0	NA	NA	.0
1994	.1	.0	NA	.0	20.0	113.7	.0	NA	NA	2.0
1995	.0	.0	NA	0.1	15.8	216.8	.0	NA	NA	1.1
1996	.0	.0	.0	.0	.0	159.6	.0	.0	NA	1.2
1997	.0	.0	.0	.0	.7	146.2	.0	.0	.0	1.7
1998	.0	.0	.0	.0	.0	120.7	.0	.0	.0	.1
1999	.0	.0	.0	.0	4.1	122.7	.0	.0	.0	1.1

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

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Fiscal year	Total	USDA	ARC	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS [3]	HUD
	Facilities for instruction in S&E											
1971[7]	28.7	0.3	NA	.0	.0	.0	NA	2.3	.0	NA	13.9	.0
1972	26.3	.5	NA	.0	.0	.0	NA	1.9	.0	NA	20.9	.0
1973	13.4	.0	NA	.0	.0	.0	NA	2.3	.0	NA	9.4	.0
1974	3.5	.0	NA	.0	.0	.0	NA	.0	.0	NA	.4	.0
1975	5.0	.0	NA	0.1	.0	NA	NA	.0	.0	NA	4.9	.0
1976	3.2	.0	NA	.3	.0	NA	NA	.0	.0	NA	.0	.0
1977	3.3	.0	NA	.0	.0	NA	NA	.4	.0	NA	.0	.0
1978	4.9	.0	NA	.0	.0	NA	NA	1.3	.0	NA	.0	.0
1979	6.7	.0	NA	.0	.0	NA	NA	3.5	.0	NA	.0	.0
1980	3.8	.0	NA	.0	.0	NA	.0	.9	0.1	NA	.0	.0
1981	4.6	.0	NA	.0	0.2	NA	.0	1.1	**	NA	.0	.0
1982	.8	.0	NA	.0	**	NA	.0	.8	.0	NA	.0	.0
1983	2.5	.0	NA	.0	**	NA	.0	2.3	.2	NA	.0	.0
1984	1.9	.0	NA	1.6	.3	NA	.0	.0	.0	NA	.0	.0
1985	4.9	.0	NA	.0	.0	NA	.0	.0	.0	NA	.0	.0
1986	5.0	.0	NA	.0	.0	NA	.0	.0	.0	NA	.0	.0
1987	13.7	.0	NA	.0	.0	NA	5.0	.0	.0	NA	.0	.0
1988	13.3	.0	NA	2.5	.0	NA	.0	.0	.0	NA	.0	.0
1989	16.9	.0	NA	1.6	.0	NA	.0	.0	.0	NA	.0	.0
1990	19.2	.0	NA	4.5	.0	NA	.0	.0	.0	.0	.0	.0
1991	32.8	.0	NA	4.7	.1	NA	.0	.0	.0	.0	.0	.0
1992	39.0	.5	NA	7.0	.0	NA	.0	1.3	.0	.0	.0	.0
1993	33.2	.9	NA	4.0	.0	NA	.0	.0	.0	.0	.0	.0
1994	48.7	.6	NA	3.3	21.8	NA	.0	.0	.0	.0	.0	.0
1995	51.6	.6	NA	3.3	29.8	NA	.0	.2	.0	.0	.0	.0
1996	49.0	.8	NA	11.0	18.7	NA	.0	.0	.0	.0	.0	.0
1997	29.9	.6	NA	1.0	11.9	NA	.0	.1	.0	.0	.0	.0
1998	22.8	.3	.0	8.8	.3	NA	.0	.0	.0	.0	.0	.0
1999	47.0	.7	.0	13.2	18.1	NA	.0	.0	.0	.0	.0	.0

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

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Fiscal year	Int	AID [4]	OJP	Labor	NASA	NSF	NRC	SSA	DOS	DOT
	Facilities for instruction in S&E									
1971[7]	0.1	.0	NA	.0	.0	12.1	NA	NA	NA	.0
1972	.0	.0	NA	.0	.0	3.0	NA	NA	NA	.0
1973	.1	.0	NA	.0	.0	1.6	NA	NA	NA	.0
1974	**	.0	NA	.0	.0	3.1	NA	NA	NA	.0
1975	.0	.0	NA	.0	.0	**	.0	NA	NA	.0
1976	.0	.0	NA	.0	.0	3.0	.0	NA	NA	.0
1977	.0	.0	NA	.0	.0	2.9	.0	NA	NA	.0
1978	**	.0	NA	.0	.0	3.5	.0	NA	NA	.0
1979	.0	.0	NA	.0	.0	3.2	.0	NA	NA	.0
1980	.0	.0	NA	.0	.0	2.8	.0	NA	NA	.0
1981	.0	.0	NA	.0	.0	3.2	.0	NA	NA	.0
1982	.0	.0	NA	.0	.0	.0	.0	NA	NA	.0
1983	.0	.0	NA	.0	.0	.0	.0	NA	NA	.0
1984	.0	.0	NA	.0	.0	.0	.0	NA	NA	.0
1985	.0	.0	NA	.0	.0	4.8	0.1	NA	NA	.0
1986	.0	.0	NA	.0	.0	5.0	.0	NA	NA	.0
1987	.0	.0	NA	.0	.0	8.7	.0	NA	NA	.0
1988	.4	.0	NA	.0	.0	10.4	.0	NA	NA	.0
1989	.0	.0	NA	.0	.0	15.3	.0	NA	NA	.0
1990	.0	.0	NA	.0	.0	14.7	.0	NA	NA	.0
1991	.0	.0	NA	.0	.0	21.8	.0	NA	NA	6.2
1992	.0	.0	NA	.0	.0	21.2	.0	NA	NA	9.0
1993	.0	.0	NA	.0	.0	21.2	.0	NA	NA	7.1
1994	.0	.0	NA	.0	.0	20.2	.0	NA	NA	2.8
1995	.0	.0	NA	.0	.0	17.7	.0	NA	NA	.0
1996	.0	0.2	.0	.0	.0	18.4	.0	.0	NA	.0
1997	.0	.0	.0	.0	.0	16.3	.0	.0	.0	.0
1998	.0	.0	.0	.0	.0	13.2	.0	.0	.0	.3
1999	.0	.0	.0	.0	.0	14.6	.0	.0	.0	.4

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

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Fiscal year	Total	USDA	ARC	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS [3]	HUD
	Fellowships, traineeships, and training grants											
1966[7]	365.6	NA	NA	.0	NA	NA	NA	3.2	NA	NA	289.9	NA
1967	447.2	NA	NA	.0	NA	NA	NA	3.7	NA	NA	379.1	NA
1968	440.9	NA	NA	.0	NA	.0	NA	3.6	NA	NA	387.0	NA
1969	436.3	NA	NA	.0	NA	.0	NA	5.5	NA	NA	375.7	NA
1970	429.4	NA	NA	.0	NA	.0	NA	5.0	NA	NA	369.6	NA
1971	421.0	.0	NA	**	.0	.0	NA	2.6	10.1	NA	361.4	.0
1972	387.9	.0	NA	0.4	.0	.0	NA	2.0	5.6	NA	346.6	.0
1973	287.2	.0	NA	.6	.0	.0	NA	2.3	9.2	NA	256.8	.0
1974	326.6	.0	NA	**	.0	0.7	NA	.5	6.8	NA	301.5	.0
1975	201.3	.0	NA	**	.0	NA	NA	.7	5.0	NA	181.7	.0
1976	174.9	.0	NA	.0	.0	NA	NA	.1	3.6	NA	155.6	.0
1977	184.7	.0	NA	.0	.0	NA	NA	.2	1.3	NA	165.9	.0
1978	205.9	.0	NA	.0	.0	NA	NA	.7	3.6	NA	184.2	.0
1979	204.9	.0	NA	.0	.0	NA	NA	1.9	4.5	NA	182.3	.0
1980	210.1	.0	NA	.0	.0	NA	.0	.0	4.5	NA	187.6	.0
1981	205.4	.0	NA	.0	.0	NA	.0	.0	2.4	NA	183.5	.0
1982	176.6	.0	NA	.0	.0	NA	.0	.3	2.5	NA	151.9	.0
1983	189.6	0.2	NA	.2	0.7	NA	.0	.2	2.6	NA	164.0	.0
1984	194.9	.2	NA	.1	.0	NA	.0	.6	1.8	NA	164.6	.0
1985	253.1	7.0	NA	.1	.8	NA	.0	.4	2.1	NA	210.9	.0
1986	246.2	4.7	NA	.0	.5	NA	.0	.5	2.8	NA	204.3	.0
1987	290.9	4.7	NA	.6	2.3	NA	11.8	.6	1.8	NA	232.5	.0
1988	309.3	4.6	NA	2.6	1.5	NA	13.5	.7	2.0	NA	239.3	.0
1989	340.5	4.6	NA	1.2	.1	NA	22.9	.9	8.3	NA	256.2	.0
1990	393.8	7.8	NA	.7	.1	NA	28.5	1.6	3.5	.0	288.9	.0
1991	469.3	10.9	NA	3.9	1.3	NA	53.9	6.7	8.0	.0	313.2	.0
1992	511.1	11.9	NA	4.0	2.7	NA	63.8	8.1	10.6	.0	320.3	.0
1993	526.3	10.8	NA	2.1	2.2	NA	57.7	13.8	8.1	.0	335.4	.0
1994	633.2	10.8	NA	4.7	25.9	NA	99.0	1.9	9.2	.0	387.7	.0
1995	674.5	15.7	NA	3.9	4.4	NA	96.3	2.9	15.8	.0	418.2	.0
1996	636.3	15.0	NA	4.9	7.4	NA	80.7	.5	13.7	.0	421.7	.0
1997	676.6	21.0	NA	6.2	8.6	NA	81.0	.0	15.2	.0	449.9	.0
1998	757.3	20.6	.0	3.3	8.1	NA	112.0	**	18.3	.0	491.3	.0
1999	843.7	16.7	.0	10.6	14.2	NA	114.2	.0	16.0	.0	559.2	.0

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

Fiscal year	Int	AID [4]	OJP	Labor	NASA	NSF	NRC	SSA	DOS	DOT
	Fellowships, traineeships, and training grants									
1966[7]	.0	NA	NA	NA	25.0	47.5	NA	NA	NA	NA
1967	.0	NA	NA	NA	15.0	49.4	NA	NA	NA	NA
1968	.0	NA	NA	.0	.9	49.4	NA	NA	NA	.0
1969	.0	NA	NA	.0	1.3	53.8	NA	NA	NA	NA
1970	.0	NA	NA	.0	2.1	52.7	NA	NA	NA	.0
1971	**	.0	NA	0.6	1.0	42.3	NA	NA	NA	2.8
1972	.0	.0	NA	.0	1.1	28.8	NA	NA	NA	3.5
1973	.0	.0	NA	.0	1.3	16.4	NA	NA	NA	.7
1974	.0	.0	NA	.0	1.2	14.4	NA	NA	NA	1.3
1975	.0	.0	NA	.0	1.3	9.7	.0	NA	NA	2.7
1976	.0	.0	NA	.0	1.3	13.4	**	NA	NA	.8
1977	.0	.0	NA	.0	1.4	14.8	0.1	NA	NA	.8
1978	3.2	0.6	NA	.0	1.3	11.7	**	NA	NA	.6
1979	.3	.0	NA	.0	1.8	14.1	.0	NA	NA	.0
1980	1.4	.0	NA	.0	2.8	13.8	.0	NA	NA	.0
1981	.9	.0	NA	.0	3.7	14.8	.1	NA	NA	.0
1982	.0	.0	NA	.0	4.2	17.5	.0	NA	NA	.4
1983	.0	.0	NA	.0	5.2	16.2	.0	NA	NA	.3
1984	.0	.0	NA	.0	5.3	21.8	.0	NA	NA	.4
1985	.0	.0	NA	.0	5.6	25.8	.0	NA	NA	.4
1986	.0	.0	NA	.0	7.9	25.2	.0	NA	NA	.2
1987	.0	.0	NA	.0	8.7	27.7	.0	NA	NA	.2
1988	.0	.0	NA	**	15.8	29.2	.0	NA	NA	.0
1989	.0	.0	NA	**	13.0	33.0	.0	NA	NA	.2
1990	**	.0	NA	.0	21.7	41.0	.0	NA	NA	.1
1991	.0	.0	NA	.0	36.3	34.5	.0	NA	NA	.6
1992	.0	.0	NA	.1	40.4	46.1	.0	NA	NA	3.0
1993	.0	.0	NA	.4	42.1	47.8	.0	NA	NA	5.9
1994	**	.0	NA	.3	43.9	46.1	.0	NA	NA	3.7
1995	.2	2.8	NA	.0	57.4	51.5	.0	NA	NA	5.3
1996	.6	.3	0.4	.0	37.7	49.6	.0	.0	NA	3.8
1997	.5	.0	.0	.0	41.6	51.2	.0	.0	.0	1.5
1998	**	.0	.0	.0	39.2	61.1	.0	.0	.0	3.4
1999	.0	.0	.4	1.3	38.4	70.2	.0	.0	.0	2.5

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

Fiscal year	Total	USDA	ARC	Com	DoD[1]	OEO	ED[1]	DOE[2]	EPA	GSA	HHS[3]	HUD
	General support for S&E											
1971[7]	99.7	.0	NA	0.2	.0	.0	NA	.0	.0	NA	40.2	.0
1972	83.3	.0	NA	1.5	.0	.0	NA	.0	.0	NA	40.7	.0
1973	39.0	.0	NA	.0	.0	.0	NA	.0	.0	NA	20.2	.0
1974	87.0	.0	NA	.5	.0	.0	NA	.0	.0	NA	64.2	.0
1975	46.4	.0	NA	1.8	.0	NA	NA	.0	.0	NA	37.3	.0
1976	74.5	.0	NA	4.4	.0	NA	NA	.0	.0	NA	41.8	.0
1977	75.9	.0	NA	.0	.0	NA	NA	2.5	.0	NA	42.0	.0
1978	74.4	.0	NA	.0	.0	NA	NA	.3	.0	NA	45.0	.0
1979	92.5	4.7	NA	.0	.0	NA	NA	**	1.3	NA	52.8	.0
1980	91.5	.0	NA	.0	.0	NA	.0	5.6	.0	NA	60.1	.0
1981	92.7	.0	NA	.0	7.1	NA	.0	.0	.9	NA	60.0	.0
1982	80.1	.0	NA	.0	4.8	NA	.0	**	1.7	NA	61.3	2.0
1983	94.8	.0	NA	.0	3.2	NA	**	3.7	1.6	NA	73.6	.4
1984	112.6	.0	NA	20.3	3.7	NA	.0	.6	2.7	NA	83.9	.0
1985	119.2	.0	NA	**	1.8	NA	.0	.4	1.1	NA	112.5	.0
1986	111.1	.0	NA	**	2.1	NA	.0	.0	.0	NA	106.1	.0
1987	236.9	.0	NA	.0	5.9	NA	108.1	.0	4.3	NA	113.1	.0
1988	171.8	.0	NA	.0	2.5	NA	54.8	.2	.0	NA	109.0	.0
1989	197.7	.0	NA	.0	1.8	NA	80.2	.0	.0	NA	109.5	.0
1990	143.9	.0	NA	1.0	.0	NA	30.1	.5	3.1	.0	102.2	.0
1991	192.8	.0	NA	29.4	.0	NA	32.1	.2	3.5	.0	108.7	.0
1992	160.2	.9	NA	28.2	.0	NA	36.5	.0	4.0	.0	69.3	.0
1993	66.8	.8	NA	15.0	**	NA	4.0	.0	1.9	.0	26.6	.0
1994	136.6	.3	NA	43.1	2.8	NA	7.4	6.1	.9	.0	63.5	.0
1995	264.0	.0	NA	55.6	5.7	NA	6.2	15.5	.0	.0	58.7	.0
1996	219.0	.1	NA	64.3	1.3	NA	5.9	5.9	.0	.0	71.0	.0
1997	170.8	5.6	NA	63.2	1.2	NA	6.5	6.3	.0	.0	75.9	.0
1998	237.9	7.2	.0	53.4	1.5	NA	4.7	8.8	.0	.0	108.0	.0
1999	314.7	3.7	.0	94.8	.1	NA	7.3	8.5	.0	.0	138.7	.0

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

Fiscal year	Int	AID [4]	OJP	Labor	NASA	NSF	NRC	SSA	DOS	DOT
	General support for S&E									
1971[7]	1.1	.0	NA	1.2	.0	56.9	NA	NA	NA	.0
1972	1.2	5.2	NA	.0	.0	34.7	NA	NA	NA	.0
1973	1.3	2.3	NA	.9	.0	14.2	NA	NA	NA	.0
1974	1.6	1.5	NA	1.4	.0	17.8	NA	NA	NA	.0
1975	1.6	4.2	NA	1.5	.0	.0	.0	NA	NA	.0
1976	2.4	2.8	NA	1.5	.0	21.6	.0	NA	NA	.0
1977	1.8	4.1	NA	.0	.0	24.8	0.7	NA	NA	.0
1978	5.0	.0	NA	.0	.0	23.8	.0	NA	NA	0.3
1979	4.4	.0	NA	.0	.0	29.3	.0	NA	NA	.0
1980	2.3	.0	NA	.0	.0	23.2	.4	NA	NA	.0
1981	3.1	.0	NA	.0	.0	21.0	.0	NA	NA	.7
1982	6.8	.0	NA	.0	.0	3.5	.0	NA	NA	.0
1983	11.2	.0	NA	.0	.0	1.2	.0	NA	NA	.0
1984	.0	.0	NA	.0	.0	1.5	.0	NA	NA	.0
1985	.3	.0	NA	.0	.0	3.0	.0	NA	NA	.0
1986	.0	.0	NA	.0	.0	2.8	.0	NA	NA	.0
1987	.0	.0	NA	.0	.0	5.5	.0	NA	NA	.0
1988	2.1	.0	NA	.0	.0	3.4	.0	NA	NA	.0
1989	3.3	.0	NA	.0	.0	2.9	.0	NA	NA	.0
1990	2.7	.0	NA	.0	.0	4.3	.0	NA	NA	.0
1991	12.5	.0	NA	.0	.0	6.4	.0	NA	NA	.0
1992	12.1	.0	NA	.0	.0	7.7	.0	NA	NA	1.5
1993	7.8	.0	NA	.0	.0	9.8	.0	NA	NA	.8
1994	.2	.0	NA	.0	.0	12.1	.0	NA	NA	.0
1995	.0	107.3	NA	.0	.0	14.9	.0	NA	NA	.0
1996	.0	57.1	.0	.0	.0	13.3	.0	.0	NA	.0
1997	.0	10.0	.0	.0	.0	2.2	.0	.0	.0	.0
1998	.0	21.7	.0	.0	.0	1.2	.0	.0	.0	31.5
1999	.0	17.5	.0	.0	.0	11.9	.0	.0	.0	32.2

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

Fiscal year	Total	USDA	ARC	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS [3]	HUD
	Other S&E activities											
1963	393.1	63.4	NA	0.3	.0	NA	NA	5.3	NA	NA	208.9	NA
1964	452.2	67.5	NA	.5	.0	NA	NA	5.4	NA	NA	244.6	NA
1965	595.0	73.3	NA	.6	.0	NA	NA	5.9	NA	NA	359.8	NA
1966	431.0	76.1	NA	.7	.0	NA	NA	3.1	NA	NA	263.4	NA
1967	464.0	78.8	NA	.7	.0	NA	NA	2.5	NA	NA	256.7	NA
1968	414.5	80.1	NA	1.0	.0	.0	NA	2.5	NA	NA	186.4	0.7
1969	395.9	91.1	NA	.5	**	.0	NA	1.0	NA	NA	198.4	.1
1970	266.8	113.5	NA	.7	**	.0	NA	1.0	NA	NA	32.2	.0
1971	212.4	139.5	NA	.5	.0	.0	NA	.3	.0	NA	15.9	.0
1972	211.6	149.5	NA	.6	.0	.0	NA	.5	.0	NA	8.6	.0
1973	210.8	163.0	NA	2.7	.0	.0	NA	.8	.0	NA	8.0	.0
1974	205.7	164.0	NA	2.2	.0	.0	NA	.2	.0	NA	5.7	.0
1975	262.3	180.2	NA	1.7	.0	NA	NA	.1	.0	NA	15.3	.0
1976	252.2	204.4	NA	3.6	.0	NA	NA	.3	.0	NA	17.1	.0
1977	248.0	201.0	NA	.3	.0	NA	NA	.3	.0	NA	15.4	.0
1978	254.5	216.4	NA	.9	.0	NA	NA	.3	.0	NA	4.1	.0
1979	263.0	224.0	NA	1.5	.0	NA	NA	3.0	0.1	NA	6.9	.0
1980	287.2	232.3	NA	1.2	.0	NA	.0	2.8	.0	NA	3.4	.0
1981	321.5	250.0	NA	.7	17.1	NA	.0	7.9	**	NA	5.3	.0
1982	336.4	273.2	NA	.8	38.2	NA	.0	3.1	.2	NA	3.6	**
1983	331.8	282.3	NA	.6	22.9	NA	.0	**	.5	NA	2.8	**
1984	500.1	324.7	NA	8.2	122.8	NA	.0	.7	**	NA	3.5	.0
1985	520.5	335.7	NA	1.4	149.5	NA	.0	.1	.0	NA	6.5	.0
1986	506.0	316.8	NA	.8	148.5	NA	.0	**	.0	NA	9.1	.0
1987	554.8	308.6	NA	.6	171.4	NA	21.4	.0	1.1	NA	10.3	.0
1988	719.6	347.9	NA	.5	179.3	NA	116.4	.0	.0	NA	9.6	.0
1989	759.9	349.9	NA	3.8	206.1	NA	96.6	.1	.0	NA	16.5	.0
1990	755.5	360.0	NA	6.8	145.2	NA	130.4	.0	.0	.0	19.2	.0
1991	957.4	389.4	NA	21.8	200.2	NA	171.6	.0	.1	.0	16.6	.0
1992	991.8	408.0	NA	22.9	192.6	NA	197.0	.0	.1	.0	19.2	.0

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

Fiscal year	Int	AID [4]	OJP	Labor	NASA	NSF	NRC	SSA	DOS	DOT
	Other S&E activities									
1963	**	NA	NA	NA	14.1	101.1	NA	NA	NA	NA
1964	**	NA	NA	NA	20.2	113.9	NA	NA	NA	NA
1965	**	NA	NA	NA	25.4	130.1	NA	NA	NA	NA
1966	0.2	NA	NA	NA	2.3	85.2	NA	NA	NA	NA
1967	**	NA	NA	NA	2.4	122.8	NA	NA	NA	NA
1968	.4	NA	NA	.0	2.8	140.5	NA	NA	NA	**
1969	.9	.0	NA	.0	3.7	100.2	NA	NA	NA	NA
1970	.6	.0	NA	.0	1.7	117.0	NA	NA	NA	.0
1971	.0	2.0	NA	0.1	4.2	49.9	NA	NA	NA	.0
1972	.0	.0	NA	.0	4.9	47.5	NA	NA	NA	.0
1973	.0	.0	NA	.4	4.5	31.4	NA	NA	NA	.0
1974	.0	.0	NA	.0	5.7	27.9	NA	NA	NA	.0
1975	.0	.0	NA	**	6.4	58.6	**	NA	NA	.0
1976	.1	.0	NA	.0	10.7	16.0	.0	NA	NA	.0
1977	.3	.0	NA	.0	5.9	24.9	.0	NA	NA	.0
1978	.0	2.6	NA	.0	4.4	25.6	.0	NA	NA	0.2
1979	.0	.0	NA	.0	4.7	22.4	0.4	NA	NA	.0
1980	.0	.0	NA	.0	6.9	40.2	.5	NA	NA	.0
1981	**	.0	NA	.0	5.7	34.4	.4	NA	NA	**
1982	.0	.0	NA	.0	4.8	12.4	.0	NA	NA	.0
1983	**	.0	NA	.0	7.8	14.8	.0	NA	NA	.0
1984	.0	.0	NA	**	7.1	33.0	.0	NA	NA	.0
1985	.0	.0	NA	**	7.9	19.0	.3	NA	NA	**
1986	.0	.0	NA	.0	7.9	22.9	.0	NA	NA	**
1987	.0	.0	NA	.0	6.9	32.7	.0	NA	NA	1.8
1988	.0	.0	NA	.0	7.8	55.3	.0	NA	NA	2.9
1989	.0	.0	NA	.0	12.0	71.8	.0	NA	NA	3.1
1990	.0	.0	NA	.0	17.5	73.0	.0	NA	NA	3.3
1991	.1	.0	NA	.0	22.1	132.1	.0	NA	NA	3.5
1992	.0	.0	NA	.0	56.5	87.2	.0	NA	NA	8.3

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

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Fiscal year	Total	USDA	ARC	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS [3]	HUD
	Other S&E activities											
1993 …………	923.9	412.6	NA	29.9	244.9	NA	.0	.0	0.1	.0	40.5	.0
1994 …………	934.0	419.9	NA	27.3	237.5	NA	15.3	.0	.0	.0	20.2	.0
1995 …………	948.8	423.2	NA	16.1	195.6	NA	17.9	.0	.0	.0	35.3	.0
1996 …………	951.7	413.6	NA	15.7	155.2	NA	20.1	0.2	.0	.0	39.0	.0
1997 …………	923.3	408.3	NA	31.1	159.4	NA	19.5	.1	.0	.0	31.1	.0
1998 …………	1,042.4	410.0	.0	36.7	153.4	NA	27.6	.4	.0	.0	36.4	.0
1999 …………	1,110.0	423.6	.0	48.8	82.1	.0	96.3	.4	.0	.0	41.5	.0

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-1999

[Dollars in millions]

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Fiscal year	Int	AID [4]	OJP	Labor	NASA	NSF	NRC	SSA	DOS	DOT
	Other S&E activities									
1993	.0	.0	NA	**	75.7	111.2	.0	NA	NA	9.0
1994	0.2	.0	NA	**	41.7	170.8	.0	NA	NA	1.0
1995	.3	32.1	NA	.0	49.5	177.3	.0	NA	NA	1.5
1996	.6	30.2	.0	.0	49.0	226.7	.0	.0	NA	1.4
1997	.1	4.5	.0	.0	52.8	215.7	.0	.0	.0	.7
1998	.0	2.2	.0	.0	94.1	279.6	.0	.0	.0	1.9
1999	.0	1.8	.0	.0	91.1	324.3	.0	.0	.0	**

[1] See Technical Notes, "Changes in Reporting."

[2] Data shown for fiscal years (FYs) 1963-1974 and FYs 1975-1977 represent obligations of the Atomic Energy Commission and the Energy Research and Development Administration, respectively.

[3] Data shown for FYs 1963-1979 represent obligations of the Department of Health, Education, and Welfare.

[4] The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the FY 1999 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995-1998 surveys. Any significant differences between AID's data reported for FYs 1995-1999 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-1999 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

[5] Beginning with FY 1990, the Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-administered laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

[6] See Technical Notes, "Categories of Support."

[7] Data collected before this year are not separately identified but are included under "Other S&E activities."

NOTES: Some trend shifts are related to institutional reclassification. Beginning in FY 1978, two laboratories that were formerly considered academically administered federally funded research and development centers became part of their respective institutions: Applied Physics Laboratory (Johns Hopkins University) and Applied Research Laboratory (Pennsylvania State University). Data for these laboratories are included in the academic figures beginning in FY 1978. Similarly, Draper Laboratories separated from the Massachusetts Institute of Technology (MIT) as of FY 1974 to become an independent nonprofit institution; data for this laboratory are included in MIT's figures prior to FY 1974.

Because of rounding, detail may not add to totals.

KEY:
USDA = Department of Agriculture
ARC = Appalachian Regional Commission
Com = Department of Commerce
DoD = Department of Defense
OEO = Office of Economic Opportunity
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
GSA = General Services Administration
HHS = Department of Health and Human Services
HUD = Department of Housing and Urban Development
Int = Department of the Interior
AID = Agency for International Development
OJP = Office of Justice Programs
Labor = Department of Labor
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
NRC = Nuclear Regulatory Commission
SSA = Social Security Administration
DOS = Department of State
DOT = Department of Transportation
NA = Not available
** = Amount less than $50,000

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

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Table B-3. Federal obligations for science and engineering to universities and colleges, by geographic division and State: fiscal years 1992-1999

[Dollars in thousands]

Page 1 of 2

Geographic division and State	1992	1993	1994	1995	1996	1997	1998	1999
United States, total	12,838,077	12,834,791	13,867,144	14,461,050	14,449,919	15,095,984	16,093,819	18,057,927
New England, total	1,275,161	1,299,847	1,306,735	1,367,171	1,363,811	1,391,121	1,455,974	1,647,161
Connecticut	248,516	250,160	258,838	257,297	270,996	283,873	291,633	334,784
Maine	16,970	21,683	22,603	19,188	17,013	20,944	23,886	26,306
Massachusetts	832,259	856,187	852,677	898,476	880,302	887,147	939,126	1,047,036
New Hampshire	72,279	69,370	64,945	70,108	77,345	77,862	79,682	104,233
Rhode Island	66,474	61,724	66,504	82,196	74,012	80,202	74,965	80,778
Vermont	38,663	40,723	41,168	39,906	44,143	41,093	46,682	54,024
Middle Atlantic, total	2,066,857	2,072,846	2,159,163	2,203,374	2,202,465	2,364,802	2,526,793	2,821,464
New Jersey	188,861	221,377	229,836	239,253	224,739	244,156	256,814	272,009
New York	1,128,862	1,063,211	1,133,658	1,131,894	1,140,506	1,206,499	1,308,451	1,450,921
Pennsylvania	749,134	788,258	795,669	832,227	837,220	914,147	961,528	1,098,534
East North Central, total	1,705,086	1,698,582	1,837,089	1,901,919	1,889,197	1,979,908	2,050,467	2,332,885
Illinois	449,800	457,248	505,357	522,998	521,388	543,930	575,025	676,939
Indiana	213,756	207,082	207,302	213,152	210,336	234,806	222,459	245,967
Michigan	417,688	419,055	434,712	454,575	454,959	475,484	510,168	562,483
Ohio	349,066	349,075	372,820	399,414	405,474	431,635	428,175	492,676
Wisconsin	274,776	266,122	316,898	311,780	297,040	294,053	314,640	354,820
West North Central, total	806,629	763,281	845,855	875,878	891,201	949,480	979,004	1,134,904
Iowa	156,468	155,770	176,787	164,793	168,947	173,123	185,909	214,975
Kansas	78,256	74,981	72,213	78,400	80,368	85,158	101,723	109,403
Minnesota	217,975	198,659	228,911	237,446	225,288	256,451	230,314	267,724
Missouri	238,633	228,849	261,191	275,488	292,736	309,332	341,454	399,909
Nebraska	61,427	50,635	55,397	61,222	65,110	65,913	66,661	79,037
North Dakota	39,002	37,833	33,600	40,895	39,418	36,405	34,853	43,901
South Dakota	14,868	16,554	17,756	17,634	19,334	23,098	18,090	19,955
South Atlantic, total	2,352,860	2,416,296	2,657,599	2,768,319	2,767,060	2,812,965	2,996,446	3,296,270
Delaware	34,409	33,391	38,350	41,704	42,313	40,534	41,037	50,166
District of Columbia	102,871	124,049	124,286	190,695	175,363	150,781	146,930	184,265
Florida	280,829	277,326	305,674	300,769	316,823	341,399	388,166	394,086
Georgia	288,647	266,716	316,753	338,035	324,204	344,716	353,350	386,797
Maryland	824,699	862,246	957,940	934,908	939,133	932,064	992,768	1,120,503
North Carolina	457,873	446,031	502,277	537,506	542,952	558,564	603,062	662,013
South Carolina	81,937	72,332	97,200	104,216	111,675	129,857	137,136	140,886
Virginia	232,805	254,000	260,451	271,378	260,371	275,891	284,310	311,110
West Virginia	48,790	80,205	54,668	49,108	54,226	39,159	49,687	46,444
East South Central, total	527,882	529,478	570,164	614,560	605,667	661,747	688,235	811,249
Alabama	194,806	198,489	213,484	238,045	236,680	258,963	263,195	297,999
Kentucky	73,289	77,035	83,986	86,526	87,883	92,458	95,886	117,801
Mississippi	65,775	72,145	72,304	76,945	73,960	76,855	99,575	136,787
Tennessee	194,012	181,809	200,390	213,044	207,144	233,471	229,579	258,662
West South Central, total	937,813	938,604	1,000,629	1,034,500	1,055,532	1,116,274	1,165,807	1,338,106
Arkansas	48,790	50,907	57,993	55,700	57,244	61,062	64,146	72,055
Louisiana	132,794	124,488	141,320	140,559	147,767	157,174	161,415	193,566
Oklahoma	78,347	66,190	77,412	78,336	79,093	84,090	94,281	99,634
Texas	677,882	697,019	723,904	759,905	771,428	813,948	845,965	972,851
Mountain, total	761,241	752,712	880,667	908,604	853,537	902,153	1,073,792	1,216,317
Arizona	160,176	159,712	197,769	203,561	183,130	177,720	205,623	233,332
Colorado	252,223	231,991	287,131	296,025	302,336	334,965	432,229	504,673
Idaho	20,403	21,564	26,520	20,515	18,838	26,908	24,741	30,008
Montana	29,024	30,408	34,996	36,572	38,938	43,665	47,224	62,880
Nevada	30,897	29,709	31,374	28,144	27,301	27,944	36,607	47,780
New Mexico	103,154	124,873	131,903	146,119	129,645	125,476	141,869	139,445
Utah	148,966	133,868	152,316	160,677	136,090	147,006	165,549	182,410
Wyoming	16,398	20,587	18,658	16,991	17,259	18,469	19,950	15,789

See explanatory information, if any, and SOURCE at end of table.

Table B-3. Federal obligations for science and engineering to universities and colleges, by geographic division and State: fiscal years 1992-1999

[Dollars in thousands]

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Geographic division and State	1992	1993	1994	1995	1996	1997	1998	1999
Pacific, total	2,352,592	2,313,669	2,544,558	2,725,179	2,756,105	2,852,942	3,080,906	3,376,430
Alaska	34,131	46,629	40,331	33,164	32,650	41,779	35,945	54,316
California	1,771,195	1,710,662	1,900,549	2,036,386	2,085,734	2,123,795	2,320,650	2,500,871
Hawaii	64,440	67,140	73,607	65,870	70,073	77,874	74,294	95,456
Oregon	157,461	159,671	163,577	189,418	173,839	197,127	218,241	227,420
Washington	325,365	329,567	366,494	400,341	393,809	412,367	431,776	498,367
Outlying Areas, total	51,956	49,476	64,685	61,546	65,344	64,592	76,395	83,141
American Samoa	1,223	1,233	1,299	1,311	1,173	970	1,197	1,734
Guam	2,883	3,334	3,427	4,256	3,696	3,673	3,654	3,081
Puerto Rico	43,481	39,690	54,812	50,195	55,739	54,363	66,869	72,419
Trust Territory of the Pacific Islands	1,964	2,247	2,323	2,584	2,731	3,186	3,312	4,006
Virgin Islands	2,405	2,972	2,824	3,200	2,005	2,400	1,363	1,901

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-4. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1999: fiscal years 1992-1999

[Dollars in thousands]

Page 1 of 2

Institution and ranking	1992	1993	1994	1995	1996	1997	1998	1999
Total, all institutions	12,838,077	12,834,791	13,867,144	14,461,050	14,449,919	15,095,984	16,093,819	18,057,927
1 Johns Hopkins University	660,675	701,118	764,035	729,177	729,447	703,890	744,925	855,678
2 University of Washington	280,054	279,854	309,555	339,521	347,511	357,048	380,690	436,641
3 U of Michigan	233,782	233,909	263,243	268,126	282,423	293,959	314,670	352,800
4 U of Pennsylvania	193,366	201,928	209,073	225,052	238,623	261,802	293,450	346,828
5 Stanford University	270,056	268,673	282,549	298,139	317,932	338,298	353,306	346,380
6 U of CA San Diego	214,975	217,412	245,663	256,022	257,234	262,298	297,340	325,691
7 U of CA Los Angeles	215,751	207,871	239,078	229,693	226,653	233,783	265,677	299,539
8 Harvard University	198,310	187,932	210,011	219,207	242,078	241,993	255,237	294,883
9 Columbia U City New York	202,301	205,791	197,615	199,683	205,684	225,288	237,429	286,056
10 U of Colorado	167,435	157,758	190,377	187,550	197,416	223,606	242,967	285,748
Total 1st 10 institutions	2,636,705	2,662,246	2,911,199	2,952,170	3,045,001	3,141,965	3,385,691	3,830,244
11 MA Inst of Technology	275,279	278,032	288,498	304,998	261,317	250,893	262,156	276,811
12 U of CA San Francisco	209,671	187,663	217,505	215,359	234,958	242,505	245,334	276,142
13 Washington University	148,036	144,275	165,336	176,962	198,854	206,197	224,755	273,051
14 Yale University	190,388	182,404	200,781	195,677	211,782	220,864	233,502	268,677
15 U of WI Madison	222,225	216,290	238,375	241,743	231,195	223,079	241,386	268,376
16 U of Minnesota	212,386	193,296	205,277	231,070	220,684	249,650	225,997	261,406
17 U of Pittsburgh	182,451	141,460	162,839	177,392	166,050	189,302	207,212	242,055
18 PA St U University Park	176,070	211,027	207,289	188,683	190,193	204,093	203,633	236,146
19 Cornell University	218,653	216,662	221,549	240,922	230,700	240,796	230,408	233,741
20 Duke University	151,091	148,467	165,501	166,348	176,225	197,128	211,793	224,569
Total 1st 20 institutions	4,622,955	4,581,822	4,984,149	5,091,324	5,166,959	5,366,472	5,671,867	6,391,218
21 U of CA Berkeley	185,338	162,397	183,138	181,669	175,006	180,268	206,186	224,040
22 U of NC Chapel Hill	151,616	141,702	164,168	170,468	181,153	181,428	207,368	223,840
23 U of Southern California	151,454	139,412	166,206	158,554	175,137	163,446	176,723	199,860
24 U of IL Urbana-Champaign	142,330	138,354	146,582	146,139	143,900	153,014	164,077	182,695
25 U of AL Birmingham, The	98,978	106,144	112,346	124,884	144,072	157,676	169,627	182,020
26 Case Western Reserve U	94,254	96,798	108,212	135,092	144,868	152,098	158,882	177,286
27 University of Arizona	122,617	121,173	157,866	152,633	136,593	131,711	146,938	170,390
28 University of Chicago	118,031	111,924	114,674	127,404	132,870	132,168	131,803	168,594
29 Baylor Col of Medicine	89,304	92,755	104,211	91,209	98,072	105,115	134,066	167,954
30 Northwestern University	87,189	90,920	106,116	111,808	119,313	119,107	127,999	149,578
Total 1st 30 institutions	5,864,066	5,783,401	6,347,668	6,491,184	6,617,943	6,842,503	7,295,536	8,237,475
31 CA Inst of Technology	109,877	117,911	109,057	219,487	190,684	172,276	168,711	148,957
32 University of Rochester	132,965	131,252	125,863	119,975	118,509	125,533	136,111	142,939
33 Boston University	85 250	107,392	84,504	92,687	105,366	103,395	134,423	140,797
34 University of Iowa	98 913	93,405	100,501	102,086	106,516	108,486	124,612	140,755
35 Emory University	68,164	67,482	78,294	84,828	85,566	100,238	116,268	138.297
36 Ohio State U	109,520	104,677	114,754	116,027	111,039	126,347	119,143	137,430
37 Vanderbilt University	93,010	89,140	98,139	104,165	102,859	119,138	122,154	136,588
38 U of CA Davis	97,005	92,923	104,100	105,559	110,294	110,764	132,658	135,474
39 U of TX Austin	121,430	146,743	124,128	134,910	123,689	112,048	129,131	135,170
40 University of Florida	109,895	95,933	93,659	98,120	103,097	106,288	114,590	130,623
Total 1st 40 institutions	6,890,095	6,830,259	7,380,667	7,669,028	7,775,562	8,027,016	8,593,337	9,624,505
41 Indiana U	101,156	99,727	90,792	99,037	99,978	106,871	112,683	125,172
42 Scripps Rsch Inst, The	69,467	72,560	82,915	83,666	94,515	103,387	114,149	124,843
43 U of Virginia	86,007	86,929	84,111	88,949	94,205	97,381	108,906	123,308
44 University of Utah	82,105	82,458	98,827	106,292	94,645	101,304	105,411	122,236
45 NY University	102,009	82,332	98,086	90,914	90,290	102,382	110,524	121,067
46 U of MD College Park	88,783	85,762	97,519	105,431	103,473	103,419	107,419	120,785
47 U Corp for Atmosph Rsch	5,688	1,297	4,012	16,324	22,544	16,361	92,000	115,158
48 LA St U All Campuses	61,089	81,710	80,757	70,806	75,233	81,845	90,839	114,345
49 Michigan State University	92,193	98,947	87,255	96,353	85,425	85,312	96,979	111,950
50 CUNY Mt Sinai Schl of Med	52,529	45,262	55,583	57,728	65,589	72,169	86,099	110,186
Total 1st 50 institutions	7,631,121	7,567,243	8,160,524	8,484,528	8,601,459	8,897,447	9,618,346	10,813,555

See explanatory information, if any, and SOURCE at end of table.

Table B-4. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1999: fiscal years 1992-1999

[Dollars in thousands]

Page 2 of 2

Institution and ranking	1992	1993	1994	1995	1996	1997	1998	1999
51 U of TX SW Med Ctr Dals	63,950	65,314	77,368	78,776	88,488	96,489	96,585	106,689
52 University of Miami	75,488	69,919	88,931	86,753	84,325	91,890	101,225	104,657
53 Yeshiva University NY	77,808	67,942	76,114	69,095	78,018	85,332	100,569	103,908
54 U of IL Chicago	50,882	58,450	64,197	57,799	61,552	65,237	82,041	103,887
55 U of CA Irvine	66,369	64,050	69,565	71,578	69,861	71,464	77,401	103,756
56 Carnegie Mellon U	67,580	78,287	70,030	83,276	99,441	104,248	90,008	101,532
57 Georgetown University	39,330	58,418	62,519	116,017	95,072	67,052	68,729	97,440
58 Oregon Hlth Sciences U	47,288	52,299	53,524	54,104	53,199	71,399	88,963	93,860
59 Rutgers St U of NJ	72,384	83,554	82,084	88,466	78,380	84,578	85,993	93,125
60 Purdue University	89,844	89,920	97,505	89,885	88,311	96,044	86,074	92,527
Total 1st 60 institutions	8,282,044	8,255,396	8,902,361	9,280,277	9,398,106	9,731,180	10,495,934	11,814,936
61 U of Kentucky All Cmp	57,739	60,657	65,372	66,336	70,192	75,649	74,704	89,913
62 U of MD Baltimore	54,644	52,466	64,373	69,262	71,966	73,372	84,641	89,547
63 Georgia Inst of Tech	73,285	62,680	89,839	100,650	92,333	89,504	90,742	88,607
64 NC State U	77,962	71,637	74,029	85,091	77,041	79,728	79,368	87,947
65 SUNY at Stony Brook	61,976	62,504	66,489	75,876	82,702	83,123	83,338	87,913
66 Texas A&M U	90,558	90,697	89,746	95,850	86,254	85,069	64,395	87,245
67 U of TX MD Anderson Cancr	41,546	43,219	49,500	46,712	56,618	60,612	67,891	85,167
68 Princeton University	62,373	65,390	67,326	78,242	75,068	77,751	85,097	84,021
69 U of Hawaii Manoa	49,505	55,880	58,741	54,819	56,927	67,874	67,867	82,756
70 U of New Mexico	43,387	60,999	74,407	83,155	65,459	65,412	71,889	82,470
Total 1st 70 institutions	8,895,019	8,881,525	9,602,183	10,036,270	10,132,666	10,489,274	11,265,866	12,680,522
71 Colorado State University	60,151	53,956	67,000	66,739	61,751	74,266	77,671	81,472
72 Oregon State University	63,157	65,161	67,954	84,067	72,435	73,835	73,770	75,243
73 Wake Forest University	40,480	42,526	56,784	54,109	58,588	55,916	60,836	74,168
74 U of Med & Dent of NJ	42,451	53,773	54,295	49,695	56,845	62,093	64,763	74,094
75 U of TX Houston Hlth Sci	36,307	38,753	46,422	50,738	67,427	69,114	81,295	73,986
76 U of Cincinnati	59,651	56,186	55,436	54,785	54,965	55,962	63,268	72,865
77 U of CA Santa Barbara	51,433	54,860	64,875	63,625	64,254	64,379	79,201	72,356
78 U of Missouri Columbia	51,012	42,016	47,245	48,376	45,246	57,999	64,594	70,956
79 Wayne State University	44,365	42,735	49,279	51,023	59,273	66,419	66,983	67,177
80 University of Georgia	62,610	68,307	66,867	60,943	60,129	56,303	60,865	67,125
Total 1st 80 institutions	9,406,636	9,399,798	10,178,340	10,620,370	10,733,579	11,125,560	11,959,112	13,409,964
81 University of Kansas	43,143	36,438	37,810	44,402	49,762	49,827	62,404	67,025
82 Mississippi State U	32,051	33,255	36,868	40,149	37,423	39,315	50,773	66,467
83 Thomas Jefferson U	34,914	39,635	47,199	50,211	52,837	53,242	58,516	64,426
84 Iowa State University	52,299	58,267	72,201	58,831	58,975	59,441	54,739	63,670
85 U of MA Worcester	38,955	36,639	38,872	38,928	46,969	52,878	54,936	63,048
86 Woods Hole Ocean Inst	75,329	66,821	68,281	69,967	59,812	57,106	52,865	62,481
87 Virginia Poly Inst & St U	49,272	69,187	73,172	69,697	60,504	67,325	60,033	61,561
88 Dartmouth College	42,506	43,641	41,498	42,747	47,137	48,462	47,529	59,538
89 U of Connecticut	51,502	61,452	52,195	55,062	53,193	57,692	53,491	58,933
90 U of TX Med Brnch Galvstn	31,505	29,748	33,821	39,014	45,223	49,292	51,081	55,880
Total 1st 90 institutions	9,858,112	9,874,881	10,680,257	11,129,378	11,245,414	11,660,140	12,505,479	14,032,993
91 U of MA Amherst	37,549	40,237	41,682	48,416	44,157	47,891	42,477	55,451
92 Virginia Commonwealth U	48,580	44,029	45,647	51,554	50,761	46,001	54,155	55,261
93 Medical Col of Wisconsin	25,402	26,545	46,591	33,946	39,719	39,792	45,866	55,149
94 U of TX Hlth Sci S Anto	45,700	48,415	52,408	53,423	54,327	47,713	52,942	54,756
95 Tufts University	47,324	49,179	47,407	41,982	42,228	46,724	45,416	53,764
96 Rockefeller University	39,281	36,528	43,716	43,955	47,682	45,602	45,441	52,982
97 Washington State U	38,116	38,664	43,861	45,327	38,994	47,869	43,485	52,336
98 University of Vermont	36,391	38,573	40,089	39,042	43,069	39,883	44,514	51,772
99 Utah State University	60,372	44,042	45,731	44,216	35,738	40,521	53,843	50,923
100 Florida State University	38,788	41,966	38,790	39,978	48,196	46,463	47,790	50,794
Total 1st 100 institutions	10,275,615	10,283,059	11,126,179	11,571,217	11,690,285	12,108,599	12,981,408	14,566,181

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-5. Federal obligations for science and engineering research and development to universities and colleges, by geographic division and State: fiscal years 1992-1999

[Dollars in thousands]

Page 1 of 2

Geographic division and State	1992	1993	1994	1995	1996	1997	1998	1999
United States, total	10,926,788	11,025,098	11,898,103	12,180,859	12,345,709	13,019,428	13,876,806	15,569,904
New England, total	1,133,617	1,166,063	1,177,898	1,212,080	1,195,590	1,248,814	1,308,795	1,466,873
Connecticut	220,981	216,577	232,159	230,908	246,017	257,936	266,541	303,805
Maine	10,363	13,572	14,184	13,730	10,694	14,807	16,331	18,411
Massachusetts	750,149	784,135	779,947	806,792	774,202	802,454	854,425	937,608
New Hampshire	62,852	62,959	60,228	62,006	68,951	69,306	69,566	92,162
Rhode Island	56,281	52,877	56,200	64,059	60,542	70,411	62,663	69,106
Vermont	32,991	35,943	35,180	34,585	35,184	33,900	39,269	45,781
Middle Atlantic, total	1,815,749	1,838,465	1,958,090	1,960,205	1,971,514	2,136,167	2,262,424	2,497,062
New Jersey	162,478	187,700	201,977	210,478	198,759	215,975	225,963	236,553
New York	977,850	941,053	1,027,710	1,011,069	1,017,749	1,088,975	1,154,936	1,269,773
Pennsylvania	675,421	709,712	728,403	738,658	755,006	831,217	881,525	990,736
East North Central, total	1,435,670	1,459,876	1,602,864	1,624,483	1,653,342	1,727,821	1,804,752	2,031,799
Illinois	376,278	402,193	440,447	440,551	452,314	465,671	498,679	587,218
Indiana	178,589	172,788	178,588	181,028	180,530	207,299	194,622	208,598
Michigan	340,042	342,039	379,950	387,633	404,031	422,666	450,411	488,770
Ohio	305,278	307,395	329,040	351,572	351,424	375,137	385,251	436,880
Wisconsin	235,483	235,461	274,839	263,699	265,043	257,048	275,789	310,333
West North Central, total	643,339	637,278	676,048	731,145	747,367	805,676	822,289	951,177
Iowa	129,974	133,621	142,777	138,805	138,843	147,578	156,307	181,286
Kansas	59,599	62,522	57,114	63,921	64,492	68,012	83,094	85,444
Minnesota	179,877	171,504	186,702	206,386	195,527	228,950	201,588	231,338
Missouri	204,302	197,457	219,456	239,357	257,908	271,832	300,550	354,892
Nebraska	40,868	41,148	40,217	45,424	50,809	51,492	49,835	58,787
North Dakota	21,408	21,027	19,210	27,499	31,259	24,661	22,168	29,335
South Dakota	7,311	9,999	10,572	9,753	8,529	13,151	8,747	10,095
South Atlantic, total	1,917,006	1,972,948	2,162,270	2,215,066	2,288,870	2,334,582	2,500,370	2,822,428
Delaware	28,597	26,469	29,711	32,058	32,940	30,617	34,247	40,511
District of Columbia	87,081	109,860	111,571	152,642	142,130	128,798	127,125	163,324
Florida	242,496	230,035	260,555	258,624	267,913	293,132	333,533	332,846
Georgia	217,915	217,533	232,274	254,093	255,638	250,871	276,133	310,361
Maryland	670,782	687,348	778,465	747,577	791,081	781,583	827,086	1,004,165
North Carolina	384,525	385,329	429,349	449,208	465,193	486,674	518,993	573,092
South Carolina	60,405	57,009	71,678	72,810	89,870	105,543	115,827	112,155
Virginia	196,532	221,063	223,428	228,276	218,386	238,396	244,857	260,894
West Virginia	28,673	38,302	25,239	19,778	25,719	18,968	22,569	25,080
East South Central, total	425,091	424,482	449,999	487,143	485,882	538,563	564,182	656,433
Alabama	165,643	160,946	178,955	200,910	200,144	223,614	229,285	254,544
Kentucky	56,162	58,818	62,716	62,595	69,256	72,872	73,265	91,678
Mississippi	43,814	51,507	46,853	48,750	46,010	51,921	75,868	102,662
Tennessee	159,472	153,211	161,475	174,888	170,472	190,156	185,764	207,549
West South Central, total	780,423	781,400	832,948	850,984	893,300	940,352	975,491	1,106,236
Arkansas	29,504	32,557	37,973	38,585	41,605	42,962	46,840	54,085
Louisiana	105,472	96,317	122,573	104,716	121,057	133,059	133,247	149,680
Oklahoma	53,111	45,137	45,510	51,180	49,049	57,704	65,437	67,914
Texas	592,336	607,389	626,892	656,503	681,589	706,627	729,967	834,557
Mountain, total	650,023	672,695	738,315	741,753	701,090	748,186	885,736	994,558
Arizona	137,286	144,435	176,936	176,480	155,644	152,634	170,373	201,404
Colorado	219,198	209,789	244,578	256,185	256,646	292,271	372,241	413,899
Idaho	14,904	16,546	19,124	14,846	12,560	15,376	17,792	20,658
Montana	18,835	24,400	25,295	24,101	26,089	32,603	34,570	48,443
Nevada	25,062	24,865	27,328	23,734	23,032	23,750	30,274	40,708
New Mexico	89,216	112,115	101,821	94,145	90,310	83,676	96,959	91,410
Utah	132,812	123,175	130,229	140,664	123,031	132,821	147,366	165,430
Wyoming	12,710	17,370	13,004	11,598	13,778	15,055	16,161	12,606

See explanatory information, if any, and SOURCE at end of table.

Table B-5. Federal obligations for science and engineering research and development to universities and colleges, by geographic division and State: fiscal years 1992-1999

[Dollars in thousands]

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Geographic division and State	1992	1993	1994	1995	1996	1997	1998	1999
Pacific, total	2,096,434	2,042,706	2,264,733	2,327,245	2,371,789	2,501,407	2,714,031	2,996,631
Alaska	27,870	34,282	35,757	25,033	23,984	33,905	29,541	43,031
California	1,616,785	1,539,175	1,710,552	1,751,636	1,811,557	1,884,793	2,063,079	2,247,783
Hawaii	49,794	53,615	62,203	55,895	57,299	63,394	59,945	78,534
Oregon	123,796	130,083	137,876	153,560	138,188	168,445	187,288	194,776
Washington	278,189	285,551	318,345	341,121	340,761	350,870	374,178	432,507
Outlying Areas, total	29,436	29,185	34,938	30,755	36,965	37,860	38,736	46,707
American Samoa	680	679	668	665	662	391	390	702
Guam	1,656	1,438	1,722	1,951	1,809	1,858	1,696	1,363
Puerto Rico	25,154	24,884	30,197	25,461	32,218	33,245	34,295	41,958
Trust Territory of the Pacific Islands	779	974	983	1,133	1,224	1,298	1,374	1,443
Virgin Islands	1,167	1,210	1,368	1,545	1,052	1,068	981	1,241

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-6. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1999: fiscal years 1992-1999

[Dollars in thousands]

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Institution and ranking	1992	1993	1994	1995	1996	1997	1998	1999
Total, all institutions	10,926,788	11,025,098	11,898,103	12,180,859	12,345,709	13,019,428	13,876,806	15,569,904
1 Johns Hopkins University[1]	534,128	543,894	612,691	569,329	611,683	587,484	618,353	777,913
2 University of Washington	245,428	246,035	276,260	299,704	309,853	314,938	335,511	385,745
3 Stanford University	246,589	249,575	262,438	266,744	294,859	315,686	329,734	321,302
4 U of Pennsylvania	178,002	187,281	190,296	202,252	216,699	242,011	273,583	319,646
5 U of Michigan	210,000	214,612	240,833	243,579	261,284	270,858	288,635	315,939
6 U of CA San Diego	202,477	204,063	228,856	239,249	226,260	246,181	262,217	296,412
7 U of CA Los Angeles	202,754	195,788	224,376	216,423	208,356	216,958	246,381	275,245
8 Harvard University	176,967	169,173	190,125	191,499	205,360	215,939	229,546	265,597
9 Washington University	134,336	133,210	149,860	165,373	186,572	194,615	212,817	258,525
10 MA Inst of Technology	249,852	253,612	265,540	280,298	229,174	228,287	242,731	253,249
Total 1st 10 institutions	2,380,533	2,397,243	2,641,275	2,674,450	2,750,100	2,832,957	3,039,508	3,469,573
11 U of CA San Francisco	195,178	175,443	204,404	201,770	218,935	222,045	221,428	251,924
12 Columbia U City New York	190,483	194,910	187,308	185,670	190,230	209,604	220,561	251,631
13 U of Colorado	147,943	145,497	166,455	165,373	168,953	203,721	214,879	247,063
14 Yale University	172,304	169,151	182,754	179,542	197,042	205,272	216,102	246,021
15 U of WI Madison	192,471	190,607	207,645	207,734	208,300	195,287	212,330	235,990
16 U of Minnesota	177,237	167,387	179,501	202,791	192,556	225,460	198,771	228,680
17 U of Pittsburgh	168,451	135,678	156,582	166,280	154,120	176,721	193,491	221,012
18 Duke University	139,868	138,839	154,649	154,998	164,886	186,892	198,849	210,701
19 PA St U University Park	148,196	173,121	184,454	152,532	155,468	176,872	176,520	207,840
20 Cornell University	162,331	174,182	194,484	202,194	178,194	204,466	196,006	203,814
Total 1st 20 institutions	4,074,995	4,062,058	4,459,511	4,493,334	4,578,784	4,839,297	5,088,445	5,774,249
21 U of NC Chapel Hill	130,245	129,075	146,161	156,302	164,603	165,365	182,700	199,267
22 U of CA Berkeley	154,708	133,232	151,064	142,422	138,973	150,140	173,317	189,890
23 U of Southern California	141,449	125,297	149,909	152,179	164,049	156,099	168,256	189,883
24 U of AL Birmingham, The	94,055	90,740	104,409	120,191	134,107	151,204	160,710	171,045
25 Case Western Reserve U	88,518	89,608	99,483	127,350	136,514	143,194	151,057	166,992
26 University of Chicago	98,668	99,378	102,363	106,723	118,110	119,411	121,552	155,564
27 University of Arizona	106,234	107,832	144,036	137,077	120,770	117,055	129,790	151,657
28 Baylor Col of Medicine	84,947	88,276	98,514	84,076	92,211	94,634	115,247	149,418
29 U of IL Urbana-Champaign	111,615	116,116	119,674	115,717	116,740	125,787	130,798	145,477
30 CA Inst of Technology	97,956	87,702	83,772	113,684	112,221	107,597	133,844	143,530
Total 1st 30 institutions	5,183,390	5,129,314	5,658,896	5,749,055	5,877,082	6,169,783	6,555,716	7,436,972
31 Northwestern University	81,553	82,636	99,496	101,878	109,279	108,238	119,736	138,580
32 University of Rochester	103,020	98,935	108,638	107,604	110,951	119,407	129,792	135,748
33 Boston University	79,255	102,642	77,844	86,090	92,900	97,015	124,968	131,153
34 University of Iowa	92,133	87,875	94,500	93,867	93,542	100,489	113,832	129,322
35 Emory University	65,424	64,526	75,391	75,763	80,249	92 272	109,625	128,478
36 U of CA Davis	90,507	84,495	98,856	98,936	95,994	105,924	126,594	128,368
37 Scripps Rsch Inst, The	69,467	72,560	82,915	83,216	94,515	103,387	113,202	124,843
38 U of TX Austin	110,616	117,225	103,155	115,879	104,489	94,607	107,370	121,084
39 Vanderbilt University	84,390	82,091	87,238	94,421	92,050	106,732	108,281	118,189
40 Ohio State U	90,466	84,141	93,611	96,455	90,923	107,261	101,336	115,505
Total 1st 40 institutions	6,050,221	6,006,440	6,580,540	6,703,164	6,841,974	7,205,115	7,710,452	8,708,242
41 University of Utah	76,441	77,407	84,896	93,783	88,622	93,190	97,320	114,690
42 NY University	96,349	77,694	92,767	85,543	84,169	95,235	104,293	113,305
43 University of Florida	92,533	77,359	73,037	82,450	81,495	89,709	98,495	111,103
44 Indiana U	88,348	81,374	82,946	89,030	90,158	99,164	105,891	110,459
45 U of Virginia	77,182	79,221	76,035	78,951	84,141	90,292	100,993	109,777
46 U of MD College Park	71,901	76,326	80,617	92,754	88,507	90,461	95,877	108,013
47 CUNY Mt Sinai Schl of Med	51,178	43,638	53,533	54,403	62,386	68,789	83,050	104,993
48 U of TX SW Med Ctr Dals	60,673	61,269	72,361	75,607	84,331	92,547	92,375	101,675
49 Yeshiva University NY	73,413	64,627	71,337	64,692	73,438	80,171	94,939	97,956
50 U of CA Irvine	63,114	61,567	66,191	67,079	66,462	67,327	72,248	96,580
Total 1st 50 institutions	6,801,353	6,706,922	7,334,260	7,487,456	7,645,683	8,072,000	8,655,933	9,776,793

See explanatory information, if any, and SOURCE at end of table.

Table B-6. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1999: fiscal years 1992-1999

[Dollars in thousands]

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Institution and ranking	1992	1993	1994	1995	1996	1997	1998	1999
51 University of Miami	71,329	67,315	83,694	80,703	76,826	82,435	90,099	93,583
52 Georgetown University	36,516	56,523	61,119	88,469	73,604	59,782	63,442	92,039
53 Michigan State University	70,861	67,733	68,484	69,265	64,492	67,060	77,360	91,923
54 Carnegie Mellon U	63,586	74,865	66,468	80,327	97,078	98,277	86,367	91,867
55 U of IL Chicago	47,144	55,202	60,139	51,428	55,833	58,852	72,294	91,374
56 U Corp for Atmosph Rsch	5,688	1,297	4,012	16,324	22,544	16,361	81,834	87,969
57 Oregon Hlth Sciences U	35,293	37,898	48,890	48,090	46,810	67,210	83,612	87,704
58 LA St U All Campuses	46,287	58,296	67,984	51,701	60,706	66,507	78,894	86,208
59 U of MD Baltimore	51,943	49,992	61,050	65,906	69,243	68,574	77,942	83,504
60 U of TX MD Anderson Cancr	40,442	42,602	48,434	45,457	55,541	59,250	65,741	82,211
Total 1st 60 institutions	7,270,442	7,218,645	7,904,534	8,085,126	8,268,360	8,716,308	9,433,518	10,665,175
61 SUNY at Stony Brook	57,915	58,590	61,832	70,047	75,718	75,920	77,176	80,538
62 Princeton University	55,524	59,871	62,041	71,904	66,968	71,162	77,473	77,163
63 Rutgers St U of NJ	57,574	70,118	65,676	71,530	65,769	72,763	73,853	76,377
64 Purdue University	71,320	74,940	77,952	71,321	70,557	79,279	67,958	73,550
65 Wake Forest University	36,901	37,768	51,789	49,485	53,342	52,927	57,503	71,047
66 U of Med & Dent of NJ	41,046	41,788	52,020	46,067	53,851	57,085	60,402	70,134
67 U of Kentucky All Cmp	45,221	46,594	48,581	47,985	55,713	61,450	57,646	70,096
68 U of Hawaii Manoa	41,193	47,254	50,628	47,709	46,091	55,043	53,940	67,365
69 U of CA Santa Barbara	49,055	51,464	60,008	59,684	59,855	60,257	75,211	67,072
70 U of Cincinnati	53,039	51,936	52,371	51,186	49,925	52,942	58,169	66,287
Total 1st 70 institutions	7,779,230	7,758,968	8,487,432	8,672,044	8,866,149	9,355,136	10,092,849	11,384,804
71 U of TX Houston Hlth Sci	35,209	37,465	44,846	48,550	65,399	66,250	77,780	65,817
72 Georgia Inst of Tech	45,833	60,577	51,372	75,556	67,890	61,004	63,081	64,448
73 U of New Mexico	38,624	55,827	58,306	50,032	40,520	46,507	65,097	63,811
74 Colorado State University	50,514	46,365	56,550	53,950	51,266	57,472	61,814	63,557
75 NC State U	55,133	50,708	51,205	59,933	55,116	55,216	55,175	61,998
76 Wayne State University	40,171	40,172	45,430	47,237	55,016	61,571	61,832	60,993
77 Thomas Jefferson U	33,405	38,180	45,066	47,843	50,212	50,263	55,172	60,941
78 Oregon State University	52,287	53,999	53,882	61,127	51,352	58,050	61,707	60,846
79 U of MA Worcester	37,937	34,574	37,460	36,544	44,834	49,424	52,561	60,675
80 Woods Hole Ocean Inst	72,601	61,399	66,791	67,124	57,968	55,476	50,211	58,737
Total 1st 80 institutions	8,240,944	8,238,234	8,998,340	9,219,940	9,405,722	9,916,369	10,697,279	12,006,627
81 Texas A&M U	58,798	65,829	60,112	57,883	58,749	59,691	43,226	57,019
82 Dartmouth College	40,035	41,349	40,051	40,684	44,900	45,771	43,893	54,321
83 University of Kansas	34,480	33,531	34,887	38,777	43,347	42,817	53,485	53,964
84 U of TX Med Brnch Galvstn	29,238	28,616	31,445	36,345	41,517	46,227	47,356	52,933
85 U of Missouri Columbia	38,030	28,558	29,465	32,113	30,279	38,486	44,012	52,433
86 Medical Col of Wisconsin	24,714	24,713	43,635	30,935	36,724	37,341	43,317	52,414
87 Mississippi State U	20,518	20,366	20,535	25,183	21,476	25,997	38,083	51,953
88 U of Connecticut	43,477	43,027	44,821	46,956	43,725	48,255	46,921	51,801
89 Rockefeller University	37,512	35,184	42,406	42,702	46,029	43,820	43,843	51,038
90 U of TX Hlth Sci S Anto	44,186	44,987	48,910	50,347	50,446	43,333	49,605	50,091
Total 1st 90 institutions	8,611,932	8,604,394	9,394,607	9,621,865	9,822,914	10,348,107	11,151,020	12,534,594
91 University of Georgia	46,752	52,029	48,887	41,036	41,623	39,237	43,673	49,705
92 Virginia Commonwealth U	45,448	40,568	41,572	44,975	44,639	41,296	48,136	49,448
93 Virginia Poly Inst & St U	36,734	57,141	60,236	54,735	44,470	53,227	46,108	48,468
94 Tufts University	44,355	45,015	45,144	32,895	38,380	43,300	42,181	46,754
95 Florida State University	36,794	26,847	37,801	37,630	45,296	45,808	45,499	46,332
96 Medical U of S Carolina	23,736	20,063	27,410	29,956	38,766	39,060	54,600	45,632
97 U of MA Amherst	31,415	35,227	33,628	41,281	33,780	40,194	34,398	45,094
98 University of Vermont	32,272	34,002	34,968	33,902	34,749	33,417	38,435	45,082
99 Iowa State University	35,101	42,751	46,127	42,534	42,854	43,940	38,382	44,964
100 Brown University	35,819	34,483	36,998	42,065	40,026	44,119	40,398	44,042
Total 1st 100 institutions	8,980,358	8,992,520	9,807,378	10,022,874	10,227,497	10,771,705	11,582,830	13,000,115

[1] See Technical Notes, "Changes in Reporting."

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-7. Federal obligations for science and engineering (S&E) to universities and colleges, by agency and type of activity: fiscal year 1999

[Dollars in thousands]

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Agency	Total	Research and development				R&D plant[2]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
		Total	Research[1]	Advanced technology development[1]	Major systems development[1]					
Total, all agencies	18,057,927	15,569,904	NA	NA	NA	172,652	46,992	843,736	314,652	1,109,991
Department of Agriculture	946,046	501,379	NA	NA	NA	0	668	16,659	3,702	423,638
Department of Commerce	311,334	140,532	NA	NA	NA	3,313	13,220	10,635	94,786	48,848
Department of Defense, total	1,802,000	1,687,512	1,150,494	213,182	323,836	49	18,093	14,209	64	82,073
Department of the Air Force	361,449	338,615	281,093	33,269	24,253	0	12,337	0	0	10,497
Department of the Army	425,346	394,081	315,785	61,331	16,965	49	5,756	14,157	0	11,303
Department of the Navy	927,956	871,917	522,663	68,035	281,219	0	0	52	50	55,937
Other Department of Defense	87,249	82,899	30,953	50,547	1,399	0	0	0	14	4,336
Department of Education	325,940	108,163	NA	NA	NA	0	0	114,153	7,291	96,333
Department of Energy	651,038	632,537	NA	NA	NA	9,542	0	0	8,520	439
Environmental Protection Agency	178,767	162,724	NA	NA	NA	0	0	16,043	0	0
Department of Health & Human Services, total	9,841,333	9,070,143	NA	NA	NA	31,784	0	559,183	138,724	41,499
Administration on Aging	1,301	1,301	NA	NA	NA	0	0	0	0	0
Administration for Children & Families	9,970	9,970	NA	NA	NA	0	0	0	0	0
Agency for Healthcare Research & Quality[4]	59,858	54,670	NA	NA	NA	0	0	5,188	0	0
Agency for Toxic Substances & Disease Registry	2,485	1,888	NA	NA	NA	0	0	0	531	66
Centers for Disease Control & Prevention	145,804	95,537	NA	NA	NA	0	0	2,515	44,263	3,489
Food & Drug Administration	14,590	8,906	NA	NA	NA	0	0	369	5,150	165
Health Care Financing Administration	5,044	5,044	NA	NA	NA	0	0	0	0	0
Health Resources & Services Administration	105,031	12,098	NA	NA	NA	0	0	92,933	0	0
Indian Health Service	2,614	0	NA	NA	NA	0	0	2,614	0	0
National Institutes of Health	9,450,859	8,844,182	NA	NA	NA	31,784	0	452,196	84,918	37,779
Office of the Secretary	11,847	7,985	NA	NA	NA	0	0	0	3,862	0
Office of the Asst Secretary, Planning & Evaluation	4,556	4,556	NA	NA	NA	0	0	0	0	0
Office of Public Health & Science	7,291	3,429	NA	NA	NA	0	0	0	3,862	0
Substance Abuse & Mental Health Services Administration	31,930	28,562	NA	NA	NA	0	0	3,368	0	0
Department of Housing & Urban Development	999	999	NA	NA	NA	0	0	0	0	0
Department of the Interior	82,070	82,070	NA	NA	NA	0	0	0	0	0
Department of Labor	10,589	9,339	NA	NA	NA	0	0	1,250	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-7. Federal obligations for science and engineering (S&E) to universities and colleges, by agency and type of activity: fiscal year 1999

[Dollars in thousands]

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Agency	Total	Research and development				R&D plant [2]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
		Total	Research [1]	Advanced technology development [1]	Major systems development [1]					
Department of Transportation	107,163	70,918	NA	NA	NA	1,084	414	2,543	32,200	4
Agency for International Development[3]	30,012	10,737	NA	NA	NA	0	0	0	17,496	1,779
Appalachian Regional Commission	392	392	NA	NA	NA	0	0	0	0	0
National Aeronautics & Space Administration	1,038,583	904,976	NA	NA	NA	4,134	0	38,374	0	91,099
National Science Foundation	2,699,225	2,155,491	NA	NA	NA	122,746	14,597	70,243	11,869	324,279
Nuclear Regulatory Commission	4,536	4,536	NA	NA	NA	0	0	0	0	0
Office of Justice Programs	22,903	22,459	NA	NA	NA	0	0	444	0	0
Social Security Administration	4,997	4,997	NA	NA	NA	0	0	0	0	0

[1] Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-administered laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

[2] See Technical Notes, "Categories of Support."

[3] The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the fiscal year (FY) 1999 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995-1998 surveys. Any significant differences between AID's data reported for FYs 1995-1999 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-1999 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

[4] The Agency for Health Care Policy and Research was renamed the Agency for Healthcare Research and Quality as stated in the Healthcare Research and Quality Act of 1999, signed by the President on December 6, 1999.

KEY: NA = not applicable

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

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Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 1999

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State	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
United States, total:							
Obligations (thousands)	$18,057,927	$15,569,904	$172,652	$46,992	$843,736	$314,652	$1,109,991
Number of institutions	1,123	817	163	236	572	290	640
Alabama:							
Obligations (thousands)	$297,999	$254,544	$5,157	$455	$12,607	$3,693	$21,543
Number of institutions	25	13	3	10	12	8	17
Alaska:							
Obligations (thousands)	$54,316	$43,031	$0	$12	$2,108	$4,153	$5,012
Number of institutions	5	5	0	1	3	2	3
Arizona:							
Obligations (thousands)	$233,332	$201,404	$664	$955	$11,000	$788	$18,521
Number of institutions	11	6	2	4	4	3	10
Arkansas:							
Obligations (thousands)	$72,055	$54,085	$478	$25	$3,891	$828	$12,748
Number of institutions	13	8	2	1	5	4	7
California:							
Obligations (thousands)	$2,500,871	$2,247,783	$26,218	$2,527	$121,467	$31,678	$71,198
Number of institutions	90	67	15	24	47	26	55
Colorado:							
Obligations (thousands)	$504,673	$413,899	$19,020	$396	$22,958	$25,200	$23,200
Number of institutions	15	11	5	5	10	4	10
Connecticut:							
Obligations (thousands)	$334,784	$303,805	$1,909	$382	$19,327	$836	$8,525
Number of institutions	13	10	1	2	9	1	4
Delaware:							
Obligations (thousands)	$50,166	$40,511	$929	$200	$1,332	$914	$6,280
Number of institutions	4	2	2	1	3	2	3
District of Columbia:							
Obligations (thousands)	$184,265	$163,324	$935	$0	$10,471	$2,454	$7,081
Number of institutions	8	8	2	0	7	4	6
Florida:							
Obligations (thousands)	$394,086	$332,846	$2,079	$491	$19,810	$12,499	$26,361
Number of institutions	26	19	4	4	17	8	15
Georgia:							
Obligations (thousands)	$386,797	$310,361	$1,427	$584	$15,542	$7,974	$50,909
Number of institutions	30	26	2	6	14	8	19
Hawaii:							
Obligations (thousands)	$95,456	$78,534	$625	$100	$2,621	$5,317	$8,259
Number of institutions	7	4	1	1	1	4	3
Idaho:							
Obligations (thousands)	$30,008	$20,658	$57	$1,600	$1,416	$96	$6,181
Number of institutions	4	3	1	1	2	1	3
Illinois:							
Obligations (thousands)	$676,939	$587,218	$16,880	$1,061	$31,635	$7,068	$33,077
Number of institutions	39	26	3	11	18	8	22
Indiana:							
Obligations (thousands)	$245,967	$208,598	$4,163	$508	$9,221	$1,688	$21,789
Number of institutions	14	10	4	5	9	2	5
Iowa:							
Obligations (thousands)	$214,975	$181,286	$688	$445	$9,354	$1,823	$21,379
Number of institutions	17	11	2	6	6	2	7
Kansas:							
Obligations (thousands)	$109,403	$85,444	$1,906	$467	$7,549	$249	$13,788
Number of institutions	8	7	2	5	7	1	4

See explanatory information, if any, and SOURCE at end of table.

Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 1999

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State	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Kentucky:							
Obligations (thousands)	$117,801	$91,678	$131	$189	$7,675	$119	$18,009
Number of institutions	14	12	1	4	7	1	8
Louisiana:							
Obligations (thousands)	$193,566	$149,680	$1,415	$139	$6,387	$18,433	$17,512
Number of institutions	18	14	3	4	8	5	12
Maine:							
Obligations (thousands)	$26,306	$18,411	$515	$320	$1,207	$0	$5,853
Number of institutions	9	7	1	3	4	0	4
Maryland:							
Obligations (thousands)	$1,120,503	$1,004,165	$855	$868	$35,509	$18,568	$60,538
Number of institutions	29	21	4	3	12	8	17
Massachusetts:							
Obligations (thousands)	$1,047,036	$937,608	$17,440	$712	$57,504	$7,852	$25,920
Number of institutions	45	36	11	5	21	9	26
Michigan:							
Obligations (thousands)	$562,483	$488,770	$3,823	$873	$26,120	$6,101	$36,796
Number of institutions	24	19	5	7	11	4	17
Minnesota:							
Obligations (thousands)	$267,724	$231,338	$123	$2,213	$13,039	$4,083	$16,928
Number of institutions	22	14	2	5	7	2	12
Mississippi:							
Obligations (thousands)	$136,787	$102,662	$1,231	$220	$4,557	$3,482	$24,635
Number of institutions	17	12	2	3	9	6	10
Missouri:							
Obligations (thousands)	$399,909	$354,892	$1,590	$658	$18,939	$1,084	$22,746
Number of institutions	23	15	3	8	12	3	12
Montana:							
Obligations (thousands)	$62,880	$48,443	$507	$52	$4,593	$1,464	$7,821
Number of institutions	14	9	3	2	11	8	6
Nebraska:							
Obligations (thousands)	$79,037	$58,787	$0	$106	$3,692	$589	$15,863
Number of institutions	11	7	0	1	8	2	5
Nevada:							
Obligations (thousands)	$47,780	$40,708	$553	$0	$812	$2,817	$2,890
Number of institutions	5	4	3	0	3	1	4
New Hampshire:							
Obligations (thousands)	$104,233	$92,162	$496	$164	$4,251	$2,570	$4,590
Number of institutions	8	7	2	1	4	2	4
New Jersey:							
Obligations (thousands)	$272,009	$236,553	$2,583	$539	$10,545	$1,257	$20,532
Number of institutions	25	15	4	6	9	4	18
New Mexico:							
Obligations (thousands)	$139,445	$91,410	$333	$14,159	$5,767	$2,332	$25,444
Number of institutions	10	6	2	3	7	3	6
New York:							
Obligations (thousands)	$1,450,921	$1,269,773	$22,934	$1,112	$64,002	$45,229	$47,871
Number of institutions	98	86	11	13	57	25	41
North Carolina:							
Obligations (thousands)	$662,013	$573,092	$1,280	$924	$38,964	$12,739	$35,014
Number of institutions	31	22	5	5	17	15	21
North Dakota:							
Obligations (thousands)	$43,901	$29,335	$736	$0	$2,238	$304	$11,288
Number of institutions	12	6	2	0	9	4	5

See explanatory information, if any, and SOURCE at end of table.

Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 1999

State	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Ohio:							
Obligations (thousands)	$492,676	$436,880	$3,337	$250	$22,540	$3,884	$25,785
Number of institutions	39	29	6	5	17	7	21
Oklahoma:							
Obligations (thousands)	$99,634	$67,914	$890	$25	$3,971	$6,633	$20,201
Number of institutions	13	7	2	1	6	5	9
Oregon:							
Obligations (thousands)	$227,420	$194,776	$2,201	$128	$14,028	$5,906	$10,381
Number of institutions	18	14	4	3	7	5	9
Pennsylvania:							
Obligations (thousands)	$1,098,534	$990,736	$7,527	$1,081	$46,123	$6,737	$46,330
Number of institutions	62	46	7	13	24	9	29
Rhode Island:							
Obligations (thousands)	$80,778	$69,106	$1,774	$0	$3,607	$1,050	$5,241
Number of institutions	5	4	2	0	3	1	3
South Carolina:							
Obligations (thousands)	$140,886	$112,155	$2,078	$3,906	$5,176	$3,891	$13,680
Number of institutions	25	10	4	8	7	7	21
South Dakota:							
Obligations (thousands)	$19,955	$10,095	$62	$66	$1,518	$147	$8,067
Number of institutions	12	6	1	1	8	2	8
Tennessee:							
Obligations (thousands)	$258,662	$207,549	$297	$560	$19,879	$4,490	$25,687
Number of institutions	22	18	3	6	11	7	12
Texas:							
Obligations (thousands)	$972,851	$834,557	$3,892	$5,573	$36,929	$11,778	$80,122
Number of institutions	69	52	5	14	40	24	36
Utah:							
Obligations (thousands)	$182,410	$165,430	$877	$249	$7,834	$1,828	$6,192
Number of institutions	8	5	1	3	3	2	7
Vermont:							
Obligations (thousands)	$54,024	$45,781	$260	$44	$3,149	$521	$4,269
Number of institutions	4	2	1	1	3	1	3
Virginia:							
Obligations (thousands)	$311,110	$260,894	$2,550	$878	$17,640	$2,937	$26,211
Number of institutions	26	17	4	9	15	7	15
Washington:							
Obligations (thousands)	$498,367	$432,507	$3,383	$249	$28,268	$14,251	$19,709
Number of institutions	18	14	1	6	8	4	9
West Virginia:							
Obligations (thousands)	$46,444	$25,080	$73	$100	$2,091	$1,054	$18,046
Number of institutions	8	5	1	1	4	1	6
Wisconsin:							
Obligations (thousands)	$354,820	$310,333	$2,166	$285	$16,808	$3,615	$21,613
Number of institutions	27	20	2	3	12	4	17
Wyoming:							
Obligations (thousands)	$15,789	$12,606	$0	$0	$603	$4	$2,576
Number of institutions	1	1	0	0	1	1	1
American Samoa:							
Obligations (thousands)	$1,734	$702	$0	$0	$0	$0	$1,032
Number of institutions	1	1	0	0	0	0	1
Guam:							
Obligations (thousands)	$3,081	$1,363	$0	$0	$196	$436	$1,086
Number of institutions	1	1	0	0	1	1	1

See explanatory information, if any, and SOURCE at end of table.

Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 1999

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State	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Puerto Rico:							
Obligations (thousands)	$72,419	$41,958	$1,567	$142	$5,053	$9,209	$14,490
Number of institutions	17	14	3	2	10	12	8
Trust Territory of the Pacific Islands:							
Obligations (thousands)	$4,006	$1,443	$0	$0	$198	$0	$2,365
Number of institutions	2	2	0	0	1	0	2
Virgin Islands:							
Obligations (thousands)	$1,901	$1,241	$38	$0	$15	$0	$607
Number of institutions	1	1	1	0	1	0	1

[1] See Technical Notes, "Categories of Support."

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-9. Federal obligations for science and engineering to universities and colleges, by geographic division, State, and agency: fiscal year 1999

[Dollars in thousands]

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Geographic division and State	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
United States, total	18,057,927	946,046	311,334	1,802,000	325,940	651,038	178,767	9,841,333	82,070	1,038,583	2,699,225	181,591
New England, total	1,647,161	44,080	31,842	153,202	17,161	100,635	11,381	944,242	3,845	63,448	261,945	15,380
Connecticut	334,784	7,127	129	10,296	2,614	10,743	527	269,728	404	4,797	28,114	305
Maine	26,306	8,005	466	3,611	1,557	88	0	3,741	916	354	6,968	600
Massachusetts	1,047,036	11,058	10,734	126,097	8,769	85,968	8,968	554,182	1,401	42,779	187,417	9,663
New Hampshire	104,233	5,080	16,225	3,299	1,125	617	1,464	49,404	142	10,621	13,432	2,824
Rhode Island	80,778	4,544	3,542	8,836	787	2,598	282	30,844	878	4,179	22,300	1,988
Vermont	54,024	8,266	746	1,063	2,309	621	140	36,343	104	718	3,714	0
Middle Atlantic, total	2,821,464	65,740	23,663	254,377	33,848	104,488	17,080	1,771,866	1,449	70,528	431,467	46,958
New Jersey	272,009	11,144	6,742	22,963	4,683	18,482	4,130	124,295	208	10,048	66,487	2,827
New York	1,450,921	30,585	15,023	74,600	16,751	64,990	8,857	939,187	938	36,005	226,336	37,649
Pennsylvania	1,098,534	24,011	1,898	156,814	12,414	21,016	4,093	708,384	303	24,475	138,644	6,482
East North Central, total	2,332,885	123,823	17,725	152,654	45,124	94,384	18,669	1,353,648	4,246	60,174	440,229	22,209
Illinois	676,939	25,935	3,400	48,093	11,699	24,852	2,759	378,219	1,576	13,601	161,012	5,793
Indiana	245,967	23,438	2,191	14,376	1,341	17,018	1,092	122,647	324	4,208	57,311	2,021
Michigan	562,483	27,930	5,761	30,378	10,634	20,850	8,896	323,459	479	10,770	118,243	5,083
Ohio	492,676	22,893	1,842	48,275	10,515	10,851	4,477	316,948	385	18,748	51,384	6,358
Wisconsin	354,820	23,627	4,531	11,532	10,935	20,813	1,445	212,375	1,482	12,847	52,279	2,954
West North Central, total	1,134,904	132,549	7,061	46,205	31,567	30,082	16,532	682,335	4,568	34,184	141,524	8,297
Iowa	214,975	30,762	2,421	5,120	3,599	5,101	2,915	136,574	372	6,365	20,294	1,452
Kansas	109,403	15,309	113	4,681	12,685	4,580	2,558	45,225	553	5,352	18,196	151
Minnesota	267,724	21,864	2,102	19,243	4,258	8,053	1,699	163,141	805	5,995	38,686	1,878
Missouri	399,909	27,379	1,203	10,302	6,871	4,578	8,868	298,238	1,368	8,223	32,343	536
Nebraska	79,037	16,631	186	3,209	2,050	939	270	30,998	476	2,812	18,576	2,890
North Dakota	43,901	11,971	431	2,684	1,106	6,781	222	6,100	140	4,487	8,589	1,390
South Dakota	19,955	8,633	605	966	998	50	0	2,059	854	950	4,840	0
South Atlantic, total	3,296,270	166,845	58,746	582,089	61,510	85,623	29,716	1,636,089	8,590	272,619	338,562	55,881
Delaware	50,166	6,919	2,107	9,629	1,197	1,962	950	6,951	227	3,508	16,178	538
District of Columbia	184,265	1,639	765	28,873	6,398	1,813	2,063	110,721	89	9,474	9,501	12,929
Florida	394,086	22,944	13,338	31,460	11,164	21,851	2,826	178,350	3,696	26,199	79,555	2,703
Georgia	386,797	32,324	6,160	55,447	7,667	11,501	4,047	200,350	998	17,784	48,751	1,768
Maryland	1,120,503	13,755	12,548	365,458	8,024	10,498	6,376	470,790	363	162,288	56,027	14,376
North Carolina	662,013	38,178	10,672	41,936	13,893	12,668	11,484	456,301	875	9,632	57,412	8,962
South Carolina	140,886	18,844	10,054	13,950	2,736	10,504	140	56,567	489	3,936	21,707	1,959
Virginia	311,110	21,756	2,276	33,646	9,486	13,958	1,825	144,118	1,642	26,516	48,470	7,417
West Virginia	46,444	10,486	826	1,690	945	868	5	11,941	211	13,282	961	5,229
East South Central, total	811,249	111,572	15,203	49,939	21,477	22,562	8,367	425,847	3,005	71,629	77,190	4,458
Alabama	297,999	25,903	336	11,865	6,310	4,639	4,352	175,271	430	46,474	20,352	2,067
Kentucky	117,801	25,784	187	3,146	4,030	3,715	815	62,742	382	2,896	13,635	469
Mississippi	136,787	35,074	12,956	22,367	4,078	6,195	180	21,330	939	15,185	18,373	110
Tennessee	258,662	24,811	1,724	12,561	7,059	8,013	3,020	166,504	1,254	7,074	24,830	1,812
West South Central, total	1,338,106	107,709	39,971	140,748	22,631	38,091	22,362	735,793	10,079	63,597	153,235	3,890
Arkansas	72,055	25,359	964	1,993	3,327	100	111	28,324	479	1,420	9,078	900
Louisiana	193,566	20,640	21,631	29,679	4,189	8,428	6,760	75,877	3,012	6,104	16,988	258
Oklahoma	99,634	20,170	6,052	6,133	2,253	6,053	3,087	30,124	458	7,908	16,372	1,024
Texas	972,851	41,540	11,324	102,943	12,862	23,510	12,404	601,468	6,130	48,165	110,797	1,708

See explanatory information, if any, and SOURCE at end of table.

Table B-9. Federal obligations for science and engineering to universities and colleges, by geographic division, State, and agency: fiscal year 1999

[Dollars in thousands]

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Geographic division and State	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Mountain, total	1,216,317	75,482	57,093	117,749	28,205	49,742	19,181	412,688	15,555	147,987	286,061	6,574
Arizona	233,332	12,277	1,077	18,048	5,289	5,565	5,721	87,121	2,237	30,981	64,601	415
Colorado	504,673	12,554	46,339	22,423	8,578	13,945	8,628	170,677	5,472	73,265	142,144	648
Idaho	30,008	8,894	2,450	1,243	1,787	1,760	724	2,698	2,877	713	6,176	686
Montana	62,880	12,639	958	2,762	3,673	259	2,095	9,659	1,819	10,715	15,372	2,929
Nevada	47,780	4,648	3,671	2,638	899	13,378	702	10,147	903	1,214	8,442	1,138
New Mexico	139,445	9,240	1,864	37,398	2,310	6,460	274	40,520	602	23,816	16,433	528
Utah	182,410	10,616	734	32,325	5,142	7,191	1,012	90,658	1,127	6,620	26,985	0
Wyoming	15,789	4,614	0	912	527	1,184	25	1,208	518	663	5,908	230
Pacific, total	3,376,430	96,837	58,457	303,548	61,508	124,421	35,479	1,843,040	30,363	250,334	554,573	17,870
Alaska	54,316	6,740	6,978	660	816	2,982	589	1,831	10,849	9,078	12,543	1,250
California	2,500,871	39,851	20,563	239,899	37,586	89,477	24,694	1,394,386	9,675	214,341	421,271	9,128
Hawaii	95,456	11,988	10,624	11,228	2,982	2,846	64	20,065	3,064	10,281	19,814	2,500
Oregon	227,420	18,062	5,608	13,190	12,484	3,642	2,495	120,249	3,983	7,103	37,654	2,950
Washington	498,367	20,196	14,684	38,571	7,640	25,474	7,637	306,509	2,792	9,531	63,291	2,042
Outlying Areas, total	83,141	21,409	1,573	1,489	2,909	1,010	0	35,785	370	4,083	14,439	74
American Samoa	1,734	1,709	0	0	0	25	0	0	0	0	0	0
Guam	3,081	2,148	0	64	196	0	0	468	205	0	0	0
Puerto Rico	72,419	13,036	1,443	1,425	2,247	985	0	35,235	97	4,083	13,794	74
Trust Territory of the Pacific Islands	4,006	3,500	40	0	466	0	0	0	0	0	0	0
Virgin Islands	1,901	1,016	90	0	0	0	0	82	68	0	645	0

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, State, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

NOTE: The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the fiscal year (FY) 1999 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995-1998 surveys. Any significant differences between AID's data reported for FYs 1995-1999 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-1999 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

KEY:

USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

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Table B-10. Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by geographic division, State, and agency: fiscal year 1999

[Dollars in thousands]

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Geographic division and State	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
United States, total	843,736	16,659	10,635	14,209	114,153	0	16,043	559,183	0	38,374	70,243	4,237
New England, total	89,045	372	605	1,357	6,337	0	817	65,903	0	2,404	11,061	189
Connecticut	19,327	106	0	989	939	0	303	15,851	0	322	802	15
Maine	1,207	0	0	0	294	0	0	912	0	0	1	0
Massachusetts	57,504	0	201	302	2,990	0	411	42,348	0	1,059	10,131	62
New Hampshire	4,251	0	261	66	501	0	34	2,838	0	475	76	0
Rhode Island	3,607	189	143	0	333	0	69	2,469	0	292	0	112
Vermont	3,149	77	0	0	1,280	0	0	1,485	0	256	51	0
Middle Atlantic, total	120,670	1,111	218	3,476	9,106	0	1,211	91,474	0	2,510	10,841	723
New Jersey	10,545	89	0	0	252	0	485	7,371	0	433	1,811	104
New York	64,002	1,022	208	2,368	4,711	0	599	49,762	0	1,010	3,790	532
Pennsylvania	46,123	0	10	1,108	4,143	0	127	34,341	0	1,067	5,240	87
East North Central, total	106,324	844	365	799	12,559	0	2,464	73,979	0	3,759	11,425	130
Illinois	31,635	278	0	241	3,315	0	370	22,318	0	981	4,034	98
Indiana	9,221	144	81	44	967	0	600	6,239	0	386	750	10
Michigan	26,120	166	97	192	1,605	0	632	18,627	0	903	3,896	2
Ohio	22,540	113	74	132	4,414	0	648	14,615	0	1,010	1,514	20
Wisconsin	16,808	143	113	190	2,258	0	214	12,180	0	479	1,231	0
West North Central, total	56,329	2,906	69	252	8,651	0	283	37,301	0	2,705	4,091	71
Iowa	9,354	443	0	0	1,045	0	54	6,705	0	541	566	0
Kansas	7,549	102	0	44	3,893	0	0	3,055	0	323	132	0
Minnesota	13,039	282	69	0	288	0	115	9,942	0	646	1,692	5
Missouri	18,939	642	0	208	1,615	0	114	14,397	0	389	1,572	2
Nebraska	3,692	469	0	0	1,085	0	0	1,715	0	293	77	53
North Dakota	2,238	509	0	0	436	0	0	956	0	300	26	11
South Dakota	1,518	459	0	0	289	0	0	531	0	213	26	0
South Atlantic, total	146,535	2,861	914	3,202	24,259	0	6,098	92,389	0	9,773	6,544	495
Delaware	1,332	194	90	0	0	0	76	475	0	278	219	0
District of Columbia	10,471	1	68	1,488	4,243	0	111	3,639	0	767	128	26
Florida	19,810	559	178	332	6,678	0	299	10,343	0	906	482	33
Georgia	15,542	194	76	0	1,409	0	504	8,989	0	3,938	432	0
Maryland	35,509	186	191	195	3,967	0	223	28,024	0	739	1,746	238
North Carolina	38,964	902	131	400	3,413	0	4,508	26,699	0	684	2,192	35
South Carolina	5,176	439	180	201	993	0	28	2,894	0	384	52	5
Virginia	17,640	386	0	456	3,242	0	344	10,047	0	1,821	1,267	77
West Virginia	2,091	0	0	130	314	0	5	1,279	0	256	26	81
East South Central, total	44,718	2,334	523	1,370	9,091	0	140	27,344	0	2,857	770	289
Alabama	12,607	750	0	0	2,616	0	26	7,154	0	1,634	426	1
Kentucky	7,675	187	0	380	2,286	0	0	4,346	0	310	166	0
Mississippi	4,557	1,096	523	0	761	0	0	1,895	0	256	26	0
Tennessee	19,879	301	0	990	3,428	0	114	13,949	0	657	152	288
West South Central, total	51,178	1,659	372	3,006	9,051	0	1,109	31,685	0	2,676	1,420	200
Arkansas	3,891	286	0	126	1,753	0	11	1,223	0	344	111	37
Louisiana	6,387	375	245	0	2,047	0	124	2,825	0	722	48	1
Oklahoma	3,971	359	0	0	649	0	494	2,177	0	257	35	0
Texas	36,929	639	127	2,880	4,602	0	480	25,460	0	1,353	1,226	162

See explanatory information, if any, and SOURCE at end of table.

Table B-10. Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by geographic division, State, and agency: fiscal year 1999

[Dollars in thousands]

Page 2 of 2

Geographic division and State	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Mountain, total	54,983	2,179	6,475	341	14,475	0	1,936	20,920	0	5,311	3,068	278
Arizona	11,000	198	0	0	3,063	0	1,494	4,702	0	727	816	0
Colorado	22,958	252	6,259	290	4,200	0	34	9,977	0	1,136	809	1
Idaho	1,416	0	0	0	792	0	30	189	0	367	0	38
Montana	4,593	819	0	0	1,237	0	92	676	0	519	1,096	154
Nevada	812	0	0	51	121	0	162	265	0	213	0	0
New Mexico	5,767	651	0	0	1,272	0	48	2,152	0	1,541	103	0
Utah	7,834	247	216	0	3,690	0	51	2,833	0	595	202	0
Wyoming	603	12	0	0	100	0	25	126	0	213	42	85
Pacific, total	168,492	1,944	1,037	406	20,230	0	1,985	114,225	0	5,780	21,023	1,862
Alaska	2,108	0	181	0	415	0	0	30	0	232	0	1,250
California	121,467	1,575	370	406	11,426	0	1,142	84,747	0	4,010	17,459	332
Hawaii	2,621	98	151	0	1,011	0	64	741	0	478	78	0
Oregon	14,028	189	151	0	5,702	0	499	5,951	0	388	1,148	0
Washington	28,268	82	184	0	1,676	0	280	22,756	0	672	2,338	280
Outlying Areas, total	5,462	449	57	0	394	0	0	3,963	0	599	0	0
Guam	196	0	0	0	196	0	0	0	0	0	0	0
Puerto Rico	5,053	449	57	0	0	0	0	3,948	0	599	0	0
Trust Territory of the Pacific Islands	198	0	0	0	198	0	0	0	0	0	0	0
Virgin Islands	15	0	0	0	0	0	0	15	0	0	0	0

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[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, State, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

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NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-11. Federal obligations for science and engineering (S&E) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1999

[Dollars in thousands]

Page 1 of 3

Institution and ranking	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Total, all institutions	18,057,927	15,569,904	172,652	46,992	843,736	314,652	1,109,991
1 Johns Hopkins University	855,678	777,913	291	0	24,434	12,761	40,279
2 University of Washington	436,641	385,745	3,383	50	24,964	12,892	9,607
3 U of Michigan	352,800	315,939	2,222	445	20,046	3,333	10,815
4 U of Pennsylvania	346,828	319,646	1,200	0	20,212	2,504	3,266
5 Stanford University	346,380	321,302	1,716	70	20,008	408	2,876
6 U of CA San Diego	325,691	296,412	13,074	0	12,684	2,651	870
7 U of CA Los Angeles	299,539	275,245	2,203	150	17,057	1,725	3,159
8 Harvard University	294,883	265,597	311	0	24,934	2,209	1,832
9 Columbia U City New York	286,056	251,631	17,770	0	13,222	1,178	2,255
10 U of Colorado	285,748	247,063	560	152	14,494	15,735	7,744
Total 1st 10 institutions	3,830,244	3,456,493	42,730	867	192,055	55,396	82,703
11 MA Inst of Technology	276,811	253,249	6,699	117	13,100	1,577	2,069
12 U of CA San Francisco	276,142	251,924	0	0	19,763	1,865	2,590
13 Washington University	273,051	258,525	1,208	138	12,367	513	300
14 Yale University	268,677	246,021	1,909	0	16,105	836	3,806
15 U of WI Madison	268,376	235,990	1,833	168	12,124	1,067	17,194
16 U of Minnesota	261,406	228,680	102	1,174	12,717	3,979	14,754
17 U of Pittsburgh	242,055	221,012	1,547	203	7,833	2,280	9,180
18 PA St U University Park	236,146	207,840	2,741	228	6,833	354	18,150
19 Cornell University	233,741	203,814	2,917	2	10,756	307	15,945
20 Duke University	224,569	210,701	460	203	11,874	454	877
Total 1st 20 institutions	6,391,218	5,774,249	62,146	3,100	315,527	68,628	167,568
21 U of CA Berkeley	224,040	189,890	1,117	334	14,411	761	17,527
22 U of NC Chapel Hill	223,840	199,267	700	477	16,227	6,320	849
23 U of Southern California	199,860	189,883	1,765	370	3,835	1,027	2,980
24 U of IL Urbana-Champaign	182,695	145,477	14,019	489	5,486	1,012	16,212
25 U of AL Birmingham, The	182,020	171,045	1,051	63	5,513	1,878	2,470
26 Case Western Reserve U	177,286	166,992	0	0	9,798	321	175
27 University of Arizona	170,390	151,657	490	56	7,267	385	10,535
28 University of Chicago	168,594	155,564	2,130	0	10,557	68	275
29 Baylor Col of Medicine	167,954	149,418	0	0	6,742	855	10,939
30 Northwestern University	149,578	138,580	731	28	5,945	497	3,797
Total 1st 30 institutions	8,237,475	7,432,022	84,149	4,917	401,308	81,752	233,327
31 CA Inst of Technology	148,957	143,530	347	50	4,707	186	137
32 University of Rochester	142,939	135,748	252	100	5,943	500	396
33 Boston University	140,797	131,153	1,208	0	6,223	834	1,379
34 University of Iowa	140,755	129,322	22	108	6,930	1,477	2,896
35 Emory University	138,297	128,478	1,222	0	6,095	840	1,662
36 Ohio State U	137,430	115,505	886	0	4,588	821	15,630
37 Vanderbilt University	136,588	118,189	0	152	12,797	926	4,524
38 U of CA Davis	135,474	128,368	1,965	0	3,564	351	1,226
39 U of TX Austin	135,170	121,084	438	75	3,938	153	9,482
40 University of Florida	130,623	111,103	1,311	277	5,766	238	11,928
Total 1st 40 institutions	9,624,505	8,694,502	91,800	5,679	461,859	88,078	282,587

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering (S&E) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1999

[Dollars in thousands]

Institution and ranking	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
41 Indiana U	125,172	110,459	2,234	20	5,341	345	6,773
42 Scripps Rsch Inst, The	124,843	124,843	0	0	0	0	0
43 U of Virginia	123,308	109,777	1,512	30	8,424	260	3,305
44 University of Utah	122,236	114,690	877	100	4,182	1,721	666
45 NY University	121,067	113,305	266	0	6,507	237	752
46 U of MD College Park	120,785	108,013	420	0	779	3,044	8,529
47 U Corp for Atmosph Rsch	115,158	87,969	15,727	0	5,205	0	6,257
48 LA St U All Campuses	114,345	86,208	240	0	2,554	15,109	10,234
49 Michigan State University	111,950	91,923	970	0	1,762	2,217	15,078
50 CUNY Mt Sinai Schl of Med	110,186	104,993	0	0	4,071	1,122	0
Total 1st 50 institutions	10,813,555	9,746,682	114,046	5,829	500,684	112,133	334,181
51 U of TX SW Med Ctr Dals	106,689	101,675	0	0	4,742	272	0
52 University of Miami	104,657	93,583	0	0	4,170	6,019	885
53 Yeshiva University NY	103,908	97,956	0	0	5,212	740	0
54 U of IL Chicago	103,887	91,374	0	81	5,503	2,188	4,741
55 U of CA Irvine	103,756	96,580	2,089	0	2,374	375	2,338
56 Carnegie Mellon U	101,532	91,867	1,654	0	2,045	1	5,965
57 Georgetown University	97,440	92,039	618	0	3,730	60	993
58 Oregon Hlth Sciences U	93,860	87,704	1,542	0	3,932	294	388
59 Rutgers St U of NJ	93,125	76,377	146	100	2,503	378	13,651
60 Purdue University	92,527	73,550	1,034	380	2,268	1,343	13,952
Total 1st 60 institutions	11,814,936	10,649,387	121,099	6,390	537,163	123,803	377,094
61 U of Kentucky All Cmp	89,913	70,096	131	0	5,244	0	14,442
62 U of MD Baltimore	89,547	83,504	0	0	4,344	0	1,699
63 Georgia Inst of Tech	88,607	64,448	205	229	1,452	318	21,955
64 NC State U	87,947	61,998	11	97	2,790	992	22,059
65 SUNY at Stony Brook	87,913	80,538	600	0	2,759	540	3,476
66 Texas A&M U	87,245	57,019	1,774	112	1,817	1,330	25,193
67 U of TX MD Anderson Cancr	85,167	82,211	0	0	2,956	0	0
68 Princeton University	84,021	77,163	309	244	4,227	0	2,078
69 U of Hawaii Manoa	82,756	67,365	0	100	2,621	4,559	8,111
70 U of New Mexico	82,470	63,811	145	12,503	3,008	779	2,224
Total 1st 70 institutions	12,680,522	11,357,540	124,274	19,675	568,381	132,321	478,331
71 Colorado State University	81,472	63,557	1,911	100	1,381	7,882	6,641
72 Oregon State University	75,243	60,846	524	0	1,776	4,863	7,234
73 Wake Forest University	74,168	71,047	0	0	2,348	743	30
74 U of Med & Dent of NJ	74,094	70,134	0	0	3,062	657	241
75 U of TX Houston Hlth Sci	73,986	65,817	0	0	2,578	1,914	3,677
76 U of Cincinnati	72,865	66,287	749	0	3,464	2,013	352
77 U of CA Santa Barbara	72,356	67,072	560	197	702	347	3,478
78 U of Missouri Columbia	70,956	52,433	373	0	2,152	0	15,998
79 Wayne State University	67,177	60,993	299	79	2,979	517	2,310
80 University of Georgia	67,125	49,705	0	0	891	986	15,543
Total 1st 80 institutions	13,409,964	11,985,431	128,690	20,051	589,714	152,243	533,835

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering (S&E) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
81 University of Kansas	67,025	53,964	1,395	72	6,591	249	4,754
82 Mississippi State U	66,467	51,953	0	100	408	0	14,006
83 Thomas Jefferson U	64,426	60,941	0	0	3,485	0	0
84 Iowa State University	63,670	44,964	666	13	1,520	346	16,161
85 U of MA Worcester	63,048	60,675	0	0	2,168	205	0
86 Woods Hole Ocean Inst	62,481	58,737	1,102	0	166	1,265	1,211
87 Virginia Poly Inst & St U	61,561	48,468	0	132	848	1,688	10,425
88 Dartmouth College	59,538	54,321	332	164	2,825	1,205	691
89 U of Connecticut	58,933	51,801	0	332	2,348	0	4,452
90 U of TX Med Brnch Galvstn	55,880	52,933	853	0	1,994	100	0
Total 1st 90 institutions	14,032,993	12,524,188	133,038	20,864	612,067	157,301	585,535
91 U of MA Amherst	55,451	45,094	251	379	1,254	310	8,163
92 Virginia Commonwealth U	55,261	49,448	0	47	3,230	0	2,536
93 Medical Col of Wisconsin	55,149	52,414	0	0	1,100	1,611	24
94 U of TX Hlth Sci S Anto	54,756	50,091	0	0	4,665	0	0
95 Tufts University	53,764	46,754	1,096	0	2,303	1,026	2,585
96 Rockefeller University	52,982	51,038	0	0	1,843	101	0
97 Washington State U	52,336	42,379	0	68	2,098	1,159	6,632
98 University of Vermont	51,772	45,082	260	0	2,651	521	3,258
99 Utah State University	50,923	42,234	0	113	3,630	0	4,946
100 Florida State University	50,794	46,332	0	100	1,886	1,309	1,167
Total 1st 100 institutions	14,566,181	12,995,054	134,645	21,571	636,727	163,338	614,846

[1] See Technical Notes, "Categories of Support."

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-12. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all institutions	18,057,927	946,046	311,334	1,802,000	325,940	651,038	178,767	9,841,333	1,038,583	2,699,225	263,661
1 Johns Hopkins University	855,678	458	484	344,345	1,305	2,716	2,708	362,246	110,208	19,160	12,048
2 University of Washington	436,641	4,547	14,522	30,703	4,796	19,502	6,867	292,184	8,356	50,781	4,383
3 U of Michigan	352,800	1,034	4,262	23,869	6,024	10,218	6,136	236,881	7,984	52,672	3,720
4 U of Pennsylvania	346,828	1,272	453	10,296	3,093	7,418	200	294,915	1,046	27,826	309
5 Stanford University	346,380	509	0	34,805	2,973	10,889	2,218	190,949	58,490	41,906	3,641
6 U of CA San Diego	325,691	440	0	32,268	200	9,985	162	172,425	28,253	80,869	1,089
7 U of CA Los Angeles	299,539	1,517	0	25,463	3,486	20,728	87	209,074	9,321	29,833	30
8 Harvard University	294,883	604	522	11,646	2,500	6,002	3,948	230,261	6,792	28,202	4,406
9 Columbia U City New York	286,056	365	0	8,890	0	7,715	264	202,351	11,387	54,984	100
10 U of Colorado	285,748	405	20,339	12,780	5,176	7,297	5.972	138,287	61,386	32,528	1,578
Total 1st 10 institutions	3,830,244	11,151	40,582	535,065	29,553	102,470	28,562	2,329,573	303,223	418,761	31,304
11 MA Inst of Technology	276,811	0	2,590	62,795	0	66,288	1,706	70,113	24,743	46,693	1,883
12 U of CA San Francisco	276,142	0	0	2,888	750	830	0	267,966	922	2,786	0
13 Washington University	273,051	460	43	5,977	0	2,773	5,278	240,081	5,887	12,543	9
14 Yale University	268,677	682	17	6,455	283	9,764	191	230,660	2,363	18,107	155
15 U of WI Madison	268,376	22,847	1,608	11,145	0	19,447	604	153,339	11,786	45,220	2,380
16 U of Minnesota	261,406	21,725	1,172	19,243	2,267	8,053	1,699	162,249	5,877	36,461	2,660
17 U of Pittsburgh	242,055	211	47	8,619	2,704	2,863	733	207,816	1,473	16,761	828
18 PA St U University Park	236,146	22,243	1,150	87,917	1,927	5,863	2,363	72,232	10,225	29,517	2,709
19 Cornell University	233,741	27,801	464	17,193	1,100	4,423	421	110,503	6,675	64,556	605
20 Duke University	224,569	743	665	16,527	900	6,722	576	178,116	1,098	18,795	427
Total 1st 20 institutions	6,391,218	107,863	48,338	773,824	39,484	229,496	42,133	4,022,648	374,272	710,200	42,960
21 U of CA Berkeley	224,040	14,438	74	27,246	792	6,448	2,711	76,961	35,058	56,242	4,070
22 U of NC Chapel Hill	223,840	519	217	7,147	5,266	1,592	6,931	182,504	949	12,306	6,409
23 U of Southern California	199,860	0	2,122	48,825	1,630	2,022	4,020	114,110	3,445	21,312	2,374
24 U of IL Urbana-Champaign	182,695	23,635	117	26,978	517	4,965	1,142	34,213	5,269	83,269	2,590
25 U of AL Birmingham, The	182,020	0	0	3,330	2,131	2,683	29	155,049	12,126	6,407	265
26 Case Western Reserve U	177,286	0	10	4,840	373	1,339	500	158,541	4,559	6,954	170
27 University of Arizona	170,390	10,080	1,077	13,012	2,384	3,510	2,100	74,152	26,699	35,423	1,953
28 University of Chicago	168,594	440	0	2,628	813	3,741	208	129,211	4,457	27,096	0
29 Baylor Col of Medicine	167,954	263	0	3,121	735	296	177	151,281	12,081	0	0
30 Northwestern University	149,578	0	54	12,707	671	4,810	234	99,407	2,413	26,036	3,246
Total 1st 30 institutions	8,237,475	157,238	52,009	923,658	54,796	260,902	60,185	5,198,077	481,328	985,245	64,037
31 CA Inst of Technology	148,957	0	0	21,678	0	10,734	1,034	28,764	31,759	54,112	876
32 University of Rochester	142,939	0	11	4,470	0	33,253	2,248	91,485	1,304	10,156	12
33 Boston University	140,797	0	282	12,797	1,687	4,433	27	105,879	4,078	11,584	30
34 University of Iowa	140,755	435	212	3,842	166	2,403	854	121,558	4,689	6,461	135
35 Emory University	138,297	0	0	1,894	345	548	0	129,778	103	5,629	0
36 Ohio State U	137,430	22,271	1,434	8,482	3,955	6,317	460	67,807	3,358	18,893	4,453
37 Vanderbilt University	136,588	0	0	7,116	3,521	1,349	0	114,789	1,309	8,482	22
38 U of CA Davis	135,474	13,995	0	3,908	,650	13,753	2,711	73,189	2,390	24,399	479
39 U of TX Austin	135,170	484	0	57,321	1,514	10,242	2,250	25,550	9,087	28,149	573
40 University of Florida	130,623	19,069	1,152	9,722	2,102	4,550	1,355	61,202	5,227	24,520	1,724
Total 1st 40 institutions	9,624,505	213,492	55,100	1,054,888	68,736	348,484	71,124	6,018,078	544,632	1,177,630	72,341

See explanatory information, if any, and SOURCE at end of table

Table B-12. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
41 Indiana U	125,172	910	681	525	654	4,824	44	93,507	1,036	22,785	206
42 Scripps Rsch Inst, The	124,843	0	0	2,974	0	387	0	118,924	860	1,698	0
43 U of Virginia	123,308	11	449	6,690	3,519	2,523	487	86,662	7,038	14,693	1,236
44 University of Utah	122,236	611	640	6,728	1,012	6,333	212	85,350	1,283	19,591	476
45 NY University	121,067	0	103	8,178	200	2,668	3,674	95,364	657	10,152	71
46 U of MD College Park	120,785	10,144	5,619	12,794	0	6,973	23	17,114	38,971	28,205	942
47 U Corp for Atmosph Rsch	115,158	13	17,114	1,096	0	2,783	51	0	3,720	90,381	0
48 LA St U All Campuses	114,345	15,574	21,055	20,166	1,406	1,579	1,734	38,770	2,137	8,779	3,145
49 Michigan State University	111,950	25,626	326	2,529	999	6,754	1,306	26,775	1,990	44,268	1,377
50 CUNY Mt Sinai Schl of Med	110,186	0	0	4,752	1,266	114	0	102,934	1,120	0	0
Total 1st 50 institutions	10,813,555	266,381	101,087	1,121,320	77,792	383,422	78,655	6,683,478	603,444	1,418,182	79,794
51 U of TX SW Med Ctr Dals	106,689	0	0	3,317	445	0	0	102,172	520	235	0
52 University of Miami	104,657	0	6,588	7,251	1,964	420	890	74,858	4,080	8,359	247
53 Yeshiva University NY	103,908	0	0	1,591	0	0	0	101,109	76	1,132	0
54 U of IL Chicago	103,887	160	123	3,116	3,727	2,690	58	75,427	1,108	16,128	1,350
55 U of CA Irvine	103,756	674	26	7,531	164	4,882	1,390	65,125	5,384	18,580	0
56 Carnegie Mellon U	101,532	180	51	35,575	0	3,414	518	12,257	10,380	38,208	949
57 Georgetown University	97,440	45	118	22,735	180	0	444	63,257	26	1,408	9,227
58 Oregon Hlth Sciences U	93,860	215	0	489	1,949	0	0	89,766	299	1,142	0
59 Rutgers St U of NJ	93,125	10,944	3,047	8,921	3,035	6,279	387	29,575	3,954	25,421	1,562
60 Purdue University	92,527	21,658	1,510	11,029	82	6,473	258	22,640	2,323	24,457	2,097
Total 1st 60 institutions	11,814,936	300,257	112,550	1,222,875	89,338	407,580	82,600	7,319,664	631,594	1,553,252	95,226
61 U of Kentucky All Cmp	89,913	20,820	0	2,278	2,534	3,442	245	47,664	855	11,272	803
62 U of MD Baltimore	89,547	0	116	2,399	0	708	1,590	83,666	298	504	266
63 Georgia Inst of Tech	88,607	0	4,327	43,240	64	1,660	3,637	3,989	6,403	25,220	67
64 NC State U	87,947	29,766	5,897	13,451	1,066	3,396	3,638	8,846	3,204	17,236	1,447
65 SUNY at Stony Brook	87,913	90	360	4,228	0	7,814	0	48,557	2,154	24,696	14
66 Texas A&M U	87,245	31,609	2,843	4,114	1,518	3,473	364	10,723	4,508	27,180	913
67 U of TX MD Anderson Cancr	85,167	0	0	6,995	0	0	0	77,173	696	303	0
68 Princeton University	84,021	0	1,448	12,561	0	7,904	345	24,695	3,698	33,223	147
69 U of Hawaii Manoa	82,756	8,299	9,999	11,049	2,880	928	64	19,442	10,281	19,814	0
70 U of New Mexico	82,470	363	100	24,239	1,459	2,740	104	37,892	6,768	8,639	166
Total 1st 70 institutions	12,680,522	391,204	137,640	1,347,429	98,859	439,645	92,587	7,682,311	670,459	1,721,339	99,049
71 Colorado State University	81,472	11,870	8,681	7,486	150	2,866	1,974	27,260	3,732	13,900	3,553
72 Oregon State University	75,243	17,693	5,090	6,563	145	1,601	2,018	8,872	6,433	20,605	6,223
73 Wake Forest University	74,168	0	0	561	0	0	0	71,929	135	848	695
74 U of Med & Dent of NJ	74,094	200	0	7	249	4,000	1,147	67,099	568	400	424
75 U of TX Houston Hlth Sci	73,986	0	0	191	0	0	0	68,740	798	4,160	97
76 U of Cincinnati	72,865	107	0	3,914	189	1,454	690	62,204	444	3,843	20
77 U of CA Santa Barbara	72,356	196	50	15,859	287	3,499	481	8,527	7,752	34,610	1,095
78 U of Missouri Columbia	70,956	20,960	1,030	1,973	3,193	1,195	3,590	24,113	1,523	12,364	1,015
79 Wayne State University	67,177	0	0	2,872	793	855	0	55,333	183	6,980	161
80 University of Georgia	67,125	27,028	1,468	690	1,356	4,742	291	18,111	282	10,505	2,652
Total 1st 80 institutions	13,409,964	469,258	153,959	1,387,545	105,221	459,857	102,778	8,094,499	692,309	1,829,554	114,984

See explanatory information, if any, and SOURCE at end of table.

Table B-12. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
81 University of Kansas	67,025	300	101	2,566	10,899	572	158	39,041	3,239	10,043	106
82 Mississippi State U	66,467	25,793	65	12,636	2,536	5,111	109	339	11,437	8,086	355
83 Thomas Jefferson U	64,426	20	0	1,565	872	0	0	61,348	224	397	0
84 Iowa State University	63,670	30,047	2,209	1,278	488	2,626	335	10,457	1,651	12,890	1,689
85 U of MA Worcester	63,048	0	0	936	125	0	0	61,373	330	284	0
86 Woods Hole Ocean Inst	62,481	0	5,305	15,110	0	790	516	408	469	39,433	450
87 Virginia Poly Inst & St U	61,561	17,453	248	11,329	295	8,513	855	3,366	2,619	13,921	2,962
88 Dartmouth College	59,538	324	1,002	2,797	0	80	34	46,537	1,683	7,068	13
89 U of Connecticut	58,933	6,395	112	3,841	1,664	934	336	36,650	1,803	6,703	495
90 U of TX Med Brnch Galvstn	55,880	0	0	2,377	575	675	0	51,102	657	494	0
Total 1st 90 institutions	14,032,993	549,590	163,001	1,441,980	122,675	479,158	105,121	8,405,120	716,421	1,928,873	121,054
91 U of MA Amherst	55,451	8,496	738	7,924	299	2,829	459	10,817	1,415	22,017	457
92 Virginia Commonwealth U	55,261	67	0	1,723	2,680	191	243	43,240	1,231	4,209	1,677
93 Medical Col of Wisconsin	55,149	0	0	0	473	0	555	53,138	261	172	550
94 U of TX Hlth Sci S Anto	54,756	0	0	2,699	0	0	0	51,043	378	636	0
95 Tufts University	53,764	911	1,180	2,507	175	1,345	2,063	39,500	333	4,932	818
96 Rockefeller University	52,982	0	0	1,007	0	1,061	0	50,128	0	786	0
97 Washington State U	52,336	15,567	162	6,290	339	5,972	770	13,716	677	8,459	384
98 University of Vermont	51,772	8,266	300	1,063	1,611	621	140	36,021	641	3,005	104
99 Utah State University	50,923	9,863	0	23,686	3,868	297	168	3,521	5,228	3,776	516
100 Florida State University	50,794	0	4,232	1,640	1,513	6,427	237	7,265	2,280	26,699	501
Total 1st 100 institutions	14,566,181	592,760	169,613	1,490,519	133,633	497,901	109,756	8,713,509	728,865	2,003,564	126,061

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

NOTE: The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the fiscal year (FY) 1999 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995-1998 surveys. Any significant differences between AID's data reported for FYs 1995-1999 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-1999 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

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Table B-13. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
Total, all institutions	15,569,904	501,379	140,532	1,687,512	108,163	632,537	162,724	9,070,143	904,976	2,155,491	206,447
1 Johns Hopkins University	777,913	458	479	305,405	355	1,926	2,542	335,710	109,639	16,351	5,048
2 University of Washington	385,745	4,547	5,312	29,098	4,108	17,722	6,678	261,409	7,045	45,723	4,103
3 Stanford University	321,302	509	0	34,609	2,500	10,889	2,048	174,164	57,806	35,136	3,641
4 U of Pennsylvania	319,646	1,248	453	10,118	3,093	7,418	200	273,152	980	22,694	290
5 U of Michigan	315,939	1,034	1,303	23,303	6,024	10,023	5,617	219,979	6,765	38,516	3,375
6 U of CA San Diego	296,412	440	0	32,150	0	9,985	136	157,498	27,619	67,495	1,089
7 U of CA Los Angeles	275,245	1,517	0	25,303	3,486	20,728	0	190,401	8,483	25,297	30
8 Harvard University	265,597	604	385	11,639	2,500	6,002	3,879	206,740	6,682	22,760	4,406
9 Washington University	258,525	460	43	5,769	0	2,773	5,254	227,711	5,755	10,751	9
10 MA Inst of Technology	253,249	0	1,458	62,363	0	60,047	1,599	62,335	22,894	40,718	1,835
Total 1st 10 institutions	3,469,573	10,817	9,433	539,757	22,066	147,513	27,953	2,109,099	253,668	325,441	23,826
11 U of CA San Francisco	251,924	0	0	2,652	750	830	0	245,156	922	1,614	0
12 Columbia U City New York	251,631	365	0	8,681	0	7,282	264	187,867	10,682	36,390	100
13 U of Colorado	247,063	404	5,261	12,338	2,091	6,443	5,938	127,043	56,908	29,059	1,578
14 Yale University	246,021	682	17	5,294	283	9,489	0	212,949	2,276	14,876	155
15 U of WI Madison	235,990	12,014	1,608	10,955	0	19,447	390	141,328	11,494	37,855	899
16 U of Minnesota	228,680	9,950	596	19,243	1,508	8,053	1,584	148,986	4,992	31,215	2,553
17 U of Pittsburgh	221,012	211	47	7,612	1,610	2,294	728	197,322	1,339	9,021	828
18 Duke University	210,701	743	643	16,154	900	6,522	376	167,604	922	16,410	427
19 PA St U University Park	207,840	9,031	829	86,203	316	5,863	2,296	68,745	9,255	22,683	2,619
20 Cornell University	203,814	13,770	269	16,986	1,000	4,423	108	102,467	6,045	58,141	605
Total 1st 20 institutions	5,774,249	57,987	18,703	725,875	30,524	218,159	39,637	3,708,566	358,503	582,705	33,590
21 U of NC Chapel Hill	199,267	519	217	6,660	3,977	1,592	4,763	168,833	883	10,944	879
22 U of CA Berkeley	189,890	4,273	74	26,093	484	6,448	2,306	69,604	34,361	42,485	3,762
23 U of Southern California	189,883	0	391	48,367	854	2,022	3,967	107,642	3,445	20,821	2,374
24 U of AL Birmingham, The	171,045	0	0	3,173	1,756	2,683	3	146,956	12,104	4,105	265
25 Case Western Reserve U	166,992	0	10	4,840	373	1,339	500	149,950	4,493	5,317	170
26 University of Chicago	155,564	440	0	2,628	554	3,741	140	120,200	4,353	23,508	0
27 University of Arizona	151,657	6,177	649	12,516	0	3,510	2,100	70,262	25,565	28,925	1,953
28 Baylor Col of Medicine	149,418	263	0	2,174	635	296	177	144,731	1,142	0	0
29 U of IL Urbana-Champaign	145,477	11,664	117	25,699	305	4,965	1,015	31,210	4,596	63,316	2,590
30 CA Inst of Technology	143,530	0	0	21,616	0	10,734	1,000	26,101	31,265	51,938	876
Total 1st 30 institutions	7,436,972	81,323	20,161	879,641	39,462	255,489	55,608	4,744,055	480,710	834,064	46,459
31 Northwestern University	138,580	0	54	12,641	671	4,810	142	94,048	2,237	20,858	3,119
32 University of Rochester	135,748	0	0	4,370	0	33,253	2,248	85,232	1,304	9,329	12
33 Boston University	131,153	0	192	12,731	1,241	3,518	0	100,037	4,022	9,382	30
34 University of Iowa	129,322	435	147	3,659	0	2,381	826	111,536	4,645	5,558	135
35 Emory University	128,478	0	0	1,894	345	548	0	122,281	103	3,307	0
36 U of CA Davis	128,368	13,891	0	3,908	650	13,753	2,591	70,232	2,231	20,633	479
37 Scripps Rsch Inst, The	124,843	0	0	2,974	0	387	0	118,924	860	1,698	0
38 U of TX Austin	121,084	470	0	52,591	946	10,242	2,146	23,690	8,156	22,270	573
39 Vanderbilt University	118,189	0	0	6,768	881	1,349	0	102,207	706	6,278	0
40 Ohio State U	115,505	9,049	780	8,316	875	6,317	400	64,400	3,314	17,601	4,453
Total 1st 40 institutions	8,708,242	105,168	21,334	989,493	45,071	332,047	63,961	5,636,642	508,288	950,978	55,260

See explanatory information, if any, and SOURCE at end of table.

Table B-13. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
41 University of Utah	114,690	611	351	6,449	150	5,810	186	81,375	1,210	18,072	476
42 NY University	113,305	0	103	7,855	0	2,668	3,550	89,052	657	9,349	71
43 University of Florida	111,103	10,994	969	9,298	801	4,550	1,270	57,682	4,418	19,411	1,710
44 Indiana U	110,459	910	581	515	0	4,824	0	85,154	896	17,373	206
45 U of Virginia	109,777	10	401	6,483	238	2,523	437	79,208	6,855	12,386	1,236
46 U of MD College Park	108,013	5,480	4,766	12,784	0	6,952	1	14,038	37,357	25,860	775
47 CUNY Mt Sinai Schl of Med	104,993	0	0	3,573	1,173	114	0	99,013	1,120	0	0
48 U of TX SW Med Ctr Dals	101,675	0	0	3,317	295	0	0	97,308	520	235	0
49 Yeshiva University NY	97,956	0	0	1,465	0	0	0	95,283	76	1,132	0
50 U of CA Irvine	96,580	674	26	7,531	0	4,827	1,363	61,615	5,306	15,238	0
Total 1st 50 institutions	9,776,793	123,847	28,531	1,048,763	47,728	364,315	70,768	6,396,370	566,703	1,070,034	59,734
51 University of Miami	93,583	0	1,318	7,242	866	420	890	71,215	4,058	7,327	247
52 Georgetown University	92,039	44	118	21,247	0	0	444	59,585	26	1,348	9,227
53 Michigan State University	91,923	13,939	226	2,529	530	6,554	1,216	25,075	914	40,740	200
54 Carnegie Mellon U	91,867	180	36	35,422	0	3,414	475	11,548	10,284	29,559	949
55 U of IL Chicago	91,374	160	23	3,007	2,991	2,603	0	66,867	1,064	13,309	1,350
56 U Corp for Atmosph Rsch	87,969	13	7,860	1,096	0	2,783	51	0	3,720	72,446	0
57 Oregon Hlth Sciences U	87,704	215	0	397	1,949	0	0	83,702	299	1,142	0
58 LA St U All Campuses	86,208	7,625	5,792	19,942	225	1,579	1,678	37,457	1,204	7,562	3,144
59 U of MD Baltimore	83,504	0	25	2,207	0	708	1,590	77,906	298	504	266
60 U of TX MD Anderson Cancr	82,211	0	0	6,138	0	0	0	75,074	696	303	0
Total 1st 60 institutions	10,665,175	146,023	43,929	1,147,990	54,289	382,376	77,112	6,904,799	589,266	1,244,274	75,117
61 SUNY at Stony Brook	80,538	90	360	4,228	0	7,814	0	45,115	2,132	20,785	14
62 Princeton University	77,163	0	973	12,308	0	7,904	247	22,364	3,544	29,676	147
63 Rutgers St U of NJ	76,377	6,719	2,878	8,921	341	6,279	0	27,563	3,888	18,294	1,494
64 Purdue University	73,550	10,493	826	10,796	0	6,473	197	19,504	1,952	21,256	2,053
65 Wake Forest University	71,047	0	0	495	0	0	0	69,017	135	705	695
66 U of Med & Dent of NJ	70,134	200	0	7	149	4,000	1,147	63,239	568	400	424
67 U of Kentucky All Cmp	70,096	6,978	0	1,898	559	3,442	245	44,652	823	10,696	803
68 U of Hawaii Manoa	67,365	6,279	4,490	10,926	968	928	0	18,567	5,902	19,305	0
69 U of CA Santa Barbara	67,072	196	50	15,664	0	3,499	425	7,846	6,620	31,677	1,095
70 U of Cincinnati	66,287	107	0	3,848	0	664	153	57,614	400	3,501	0
Total 1st 70 institutions	11,384,804	177,085	53,506	1,217,081	56,306	423,379	79,526	7,280,280	615,230	1,400,569	81,842
71 U of TX Houston Hlth Sci	65,817	0	0	191	0	0	0	63,889	779	861	97
72 Georgia Inst of Tech	64,448	0	115	27,690	64	1,660	3,324	3,304	5,608	22,616	67
73 U of New Mexico	63,811	63	0	11,640	131	2,740	81	35,430	5,832	7,728	166
74 Colorado State University	63,557	7,429	1,827	6,250	150	2,866	1,974	24,164	3,080	12,264	3,553
75 NC State U	61,998	13,596	1,756	13,187	717	3,396	1,837	8,573	2,806	14,721	1,409
76 Wayne State University	60,993	0	0	2,806	495	855	0	52,201	183	4,292	161
77 Thomas Jefferson U	60,941	20	0	1,565	723	0	0	58,012	224	397	0
78 Oregon State University	60,846	12,304	2,387	6,149	0	1,601	1,615	7,864	6,067	18,441	4,418
79 U of MA Worcester	60,675	0	0	936	125	0	0	59,000	330	284	0
80 Woods Hole Ocean Inst	58,737	0	3,484	14,447	0	790	516	340	447	38,263	450
Total 1st 80 institutions	12,006,627	210,497	63,075	1,301,942	58,711	437,287	88,873	7,593,057	640,586	1,520,436	92,163

See explanatory information, if any, and SOURCE at end of table.

Table B-13. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
81 Texas A&M U	57,019	13,607	1,502	4,030	0	3,221	337	10,679	3,285	19,628	730
82 Dartmouth College	54,321	324	213	2,567	0	80	0	43,459	1,661	6,004	13
83 University of Kansas	53,964	300	0	2,522	4,076	572	158	35,003	2,938	8,289	106
84 U of TX Med Brnch Galvstn	52,933	0	0	2,293	575	675	0	48,265	657	468	0
85 U of Missouri Columbia	52,433	10,276	0	1,973	1,406	1,195	3,500	21,960	1,501	9,607	1,015
86 Medical Col of Wisconsin	52,414	0	0	0	373	0	555	50,503	261	172	550
87 Mississippi State U	51,953	13,699	0	12,511	829	5,111	109	318	11,437	7,584	355
88 U of Connecticut	51,801	3,027	112	3,791	1,225	934	224	34,055	1,781	6,438	214
89 Rockefeller University	51,038	0	0	1,007	0	1,061	0	48,286	0	684	0
90 U of TX Hlth Sci S Anto	50,091	0	0	1,773	0	0	0	47,304	378	636	0
Total 1st 90 institutions	12,534,594	251,730	64,902	1,334,409	67,195	450,136	93,756	7,932,889	664,485	1,579,946	95,146
91 University of Georgia	49,705	11,859	837	690	1,356	4,742	130	17,319	282	9,838	2,652
92 Virginia Commonwealth U	49,448	65	0	1,474	1,809	191	243	40,982	1,231	1,776	1,677
93 Virginia Poly Inst & St U	48,468	7,616	140	11,083	0	7,588	766	3,318	2,447	13,298	2,212
94 Tufts University	46,754	911	619	2,397	0	1,345	1,915	36,250	312	3,005	0
95 Florida State University	46,332	0	2,426	1,635	151	6,427	237	6,941	2,170	25,863	482
96 Medical U of S Carolina	45,632	0	0	6,183	0	3,208	0	35,565	162	514	0
97 U of MA Amherst	45,094	4,182	589	7,632	0	2,829	428	9,966	1,393	17,618	457
98 University of Vermont	45,082	4,783	300	1,063	829	621	140	34,299	385	2,558	104
99 Iowa State University	44,964	17,900	33	1,091	0	2,605	309	10,417	1,154	9,766	1,689
100 Brown University	44,042	130	94	4,357	0	2,548	213	23,888	2,259	10,473	80
Total 1st 100 institutions	13,000,115	299,176	69,940	1,372,014	71,340	482,240	98,137	8,151,834	676,280	1,674,655	104,499

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[1] The Department of Defense (DoD) states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

[2] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

NOTE: The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the fiscal year (FY) 1999 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995-1998 surveys. Any significant differences between AID's data reported for FYs 1995-1999 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-1999 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

KEY:

USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-14. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all institutions	843,736	16,659	10,635	14,209	114,153	0	16,043	559,183	38,374	70,243	4,237
1 University of Washington	24,964	0	184	0	574	0	189	21,870	650	1,217	280
2 Harvard University	24,934	0	0	0	0	0	69	21,001	110	3,754	0
3 Johns Hopkins University	24,434	0	0	0	470	0	166	21,654	519	1,625	0
4 U of Pennsylvania	20,212	0	0	165	0	0	0	18,850	66	1,112	19
5 U of Michigan	20,046	0	97	126	0	0	519	14,855	783	3,666	0
6 Stanford University	20,008	0	0	126	0	0	170	14,426	684	4,602	0
7 U of CA San Francisco	19,763	0	0	236	0	0	0	19,527	0	0	0
8 U of CA Los Angeles	17,057	0	0	0	0	0	87	14,671	110	2,189	0
9 U of NC Chapel Hill	16,227	0	0	10	1,289	0	2,168	12,106	66	588	0
10 Yale University	16,105	0	0	989	0	0	191	14,089	87	749	0
Total 1st 10 institutions	203,750	0	281	1,652	2,333	0	3,559	173,049	3,075	19,502	299
11 U of Colorado	14,494	0	1,052	290	2,765	0	34	8,595	1,026	732	0
12 U of CA Berkeley	14,411	0	0	0	0	0	405	6,597	464	6,640	305
13 Columbia U City New York	13,222	0	0	209	0	0	0	12,168	154	691	0
14 MA Inst of Technology	13,100	0	124	126	0	0	107	7,119	695	4,883	46
15 Vanderbilt University	12,797	0	0	192	1,321	0	0	10,609	603	50	22
16 U of Minnesota	12,717	152	69	0	288	0	115	9,750	646	1,692	5
17 U of CA San Diego	12,684	0	0	44	0	0	26	11,235	634	745	0
18 Washington University	12,367	0	0	208	0	0	24	11,807	132	196	0
19 U of WI Madison	12,124	6	0	190	0	0	214	10,307	176	1,231	0
20 Duke University	11,874	0	0	258	0	0	200	9,749	176	1,491	0
Total 1st 20 institutions	333,540	158	1,526	3,169	6,707	0	4,684	270,985	7,781	37,853	677
21 Cornell University	10,756	284	8	192	100	0	313	7,789	630	1,440	0
22 University of Chicago	10,557	0	0	0	0	0	68	9,011	88	1,390	0
23 Case Western Reserve U	9,798	0	0	0	0	0	0	8,270	66	1,462	0
24 U of Virginia	8,424	1	0	207	1,354	0	50	5,687	88	1,037	0
25 U of Pittsburgh	7,833	0	0	817	922	0	5	5,802	134	153	0
26 University of Arizona	7,267	0	0	0	2,384	0	0	3,457	661	765	0
27 University of Iowa	6,930	0	0	0	166	0	28	6,641	44	51	0
28 PA St U University Park	6,833	0	10	126	1,352	0	67	2,761	801	1,648	68
29 Baylor Col of Medicine	6,742	0	0	947	100	0	0	5,695	0	0	0
30 University of Kansas	6,591	0	0	44	3,328	0	0	2,786	301	132	0
Total 1st 30 institutions	415,271	443	1,544	5,502	16,413	0	5,215	328,884	10,594	45,931	745
31 NY University	6,507	0	0	318	200	0	124	5,865	0	0	0
32 Boston University	6,223	0	0	66	446	0	27	5,628	56	0	0
33 University of Oregon	6,198	0	0	0	3,497	0	34	1,570	22	1,075	0
34 Emory University	6,095	0	0	0	0	0	0	5,712	0	383	0
35 Northwestern University	5,945	0	0	66	0	0	92	4,863	176	650	98
36 University of Rochester	5,943	0	11	0	0	0	0	5,753	0	179	0
37 University of Florida	5,766	190	0	0	1,301	0	85	3,132	664	380	14
38 U of AL Birmingham, The	5,513	0	0	0	375	0	26	5,090	22	0	0
39 U of IL Chicago	5,503	0	0	109	477	0	58	4,764	44	51	0
40 U of IL Urbana-Champaign	5,486	100	0	66	212	0	127	2,417	673	1,891	0
Total 1st 40 institutions	474,450	733	1,555	6,127	22,921	0	5,788	373,678	12,251	50,540	857

See explanatory information, if any, and SOURCE at end of table.

Table B-14. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

Page 2 of 3

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
41 Indiana U	5,341	0	0	0	654	0	44	4,367	20	256	0
42 U of Kentucky All Cmp	5,244	0	0	380	1,975	0	0	2,742	32	115	0
43 Yeshiva University NY	5,212	0	0	126	0	0	0	5,086	0	0	0
44 U Corp for Atmosph Rsch	5,205	0	5,205	0	0	0	0	0	0	0	0
45 U of TX SW Med Ctr Dals	4,742	0	0	0	150	0	0	4,592	0	0	0
46 CA Inst of Technology	4,707	0	0	0	0	0	34	2,663	494	1,516	0
47 U of TX Hlth Sci S Anto	4,665	0	0	926	0	0	0	3,739	0	0	0
48 Ohio State U	4,588	113	74	66	1,856	0	60	2,375	44	0	0
49 U of MD Baltimore	4,344	0	0	192	0	0	0	4,152	0	0	0
50 Princeton University	4,227	0	0	0	0	0	98	2,331	154	1,644	0
Total 1st 50 institutions	522,725	846	6,834	7,817	27,556	0	6,024	405,725	12,995	54,071	857
51 University of Utah	4,182	0	216	0	862	0	26	2,833	44	201	0
52 University of Miami	4,170	0	0	0	1,098	0	0	2,999	22	51	0
53 CUNY Mt Sinai Schl of Med	4,071	0	0	1,179	93	0	0	2,799	0	0	0
54 University of South FL	3,965	0	0	332	1,308	0	49	2,254	22	0	0
55 U of TX Austin	3,938	0	0	0	568	0	104	1,544	697	1,025	0
56 Oregon Hlth Sciences U	3,932	0	0	0	0	0	0	3,932	0	0	0
57 U of Southern California	3,835	0	47	0	517	0	53	3,167	0	51	0
58 Georgetown University	3,730	1	0	1,488	180	0	0	2,061	0	0	0
59 Utah State University	3,630	247	0	0	2,828	0	25	0	529	1	0
60 San Diego State U	3,577	0	0	0	2,749	0	28	774	0	26	0
Total 1st 60 institutions	561,755	1,094	7,097	10,816	37,759	0	6,309	428,088	14,309	55,426	857
61 U of CA Davis	3,564	96	0	0	0	0	120	1,906	110	1,332	0
62 Brandeis University	3,502	0	0	0	0	0	0	2,371	0	1,131	0
63 George Washington U	3,498	0	68	0	2,659	0	111	323	235	102	0
64 Thomas Jefferson U	3,485	0	0	0	149	0	0	3,336	0	0	0
65 U of Cincinnati	3,464	0	0	66	189	0	537	2,582	44	26	20
66 Virginia Commonwealth U	3,230	2	0	249	721	0	0	2,258	0	0	0
67 U of Med & Dent of NJ	3,062	0	0	0	100	0	0	2,962	0	0	0
68 U of New Mexico	3,008	300	0	0	821	0	23	1,739	22	103	0
69 Wayne State University	2,979	0	0	66	298	0	0	2,615	0	0	0
70 U of TX MD Anderson Cancr	2,956	0	0	857	0	0	0	2,099	0	0	0
Total 1st 70 institutions	594,503	1,492	7,165	12,054	42,696	0	7,100	450,279	14,720	58,120	877
71 Dartmouth College	2,825	0	0	66	0	0	34	2,653	22	50	0
72 NC State U	2,790	97	128	66	0	0	1,801	273	398	0	27
73 SUNY at Stony Brook	2,759	0	0	0	0	0	0	2,620	22	117	0
74 University of Vermont	2,651	77	0	0	782	0	0	1,485	256	51	0
75 U of Hawaii Manoa	2,621	98	151	0	1,011	0	64	741	478	78	0
76 U of TX Houston Hlth Sci	2,578	0	0	0	0	0	0	2,559	19	0	0
77 LA St U All Campuses	2,554	0	245	0	692	0	56	1,194	366	0	1
78 Rutgers St U of NJ	2,503	89	0	0	0	0	387	1,733	66	167	61
79 U of CA Irvine	2,374	0	0	0	0	0	27	2,260	78	9	0
80 U of Connecticut	2,348	106	0	0	439	0	112	1,601	22	53	15
Total 1st 80 institutions	620,506	1,959	7,689	12,186	45,620	0	9,581	467,398	16,447	58,645	981

See explanatory information, if any, and SOURCE at end of table.

Table B-14. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

Page 3 of 3

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
81 Wake Forest University	2,348	0	0	66	0	0	0	2,169	0	113	0
82 Auburn University	2,307	0	0	0	2,241	0	0	0	66	0	0
83 Tufts University	2,303	0	1	110	0	0	148	2,044	0	0	0
84 Purdue University	2,268	144	81	0	82	0	61	1,054	366	470	10
85 Brown University	2,224	0	0	0	0	0	0	1,932	292	0	0
86 CA St U Los Angeles	2,185	90	0	0	1,373	0	0	722	0	0	0
87 U of MA Worcester	2,168	0	0	0	0	0	0	2,168	0	0	0
88 U of Missouri Columbia	2,152	190	0	0	914	0	90	910	22	26	0
89 Washington State U	2,098	1	0	0	165	0	91	698	22	1,121	0
90 U of Oklahoma	2,088	0	0	0	0	0	0	1,844	235	9	0
Total 1st 90 institutions	642,647	2,384	7,771	12,362	50,395	0	9,971	480,939	17,450	60,384	991
91 Carnegie Mellon U	2,045	0	0	0	0	0	43	606	66	1,330	0
92 Medical U of S Carolina	2,034	0	0	0	0	0	28	2,006	0	0	0
93 Northern Arizona U	2,032	0	0	0	491	0	1,459	31	0	51	0
94 Howard University	1,996	0	0	0	475	0	0	1,063	432	26	0
95 U of TX Med Brnch Galvstn	1,994	0	0	84	0	0	0	1,884	0	26	0
96 WV University (Morgantwn)	1,943	0	0	130	314	0	0	1,243	256	0	0
97 Florida State University	1,886	0	178	0	1,255	0	0	324	110	0	19
98 San Jose State University	1,865	0	0	0	1,196	0	0	658	0	0	11
99 Rockefeller University	1,843	0	0	0	0	0	0	1,741	0	102	0
100 Meharry Medical College	1,820	0	0	798	0	0	0	1,022	0	0	0
Total 1st 100 institutions	662,105	2,384	7,949	13,374	54,126	0	11,501	491,517	18,314	61,919	1,021

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
United States, total	18,057,927	15,569,904	172,652	46,992	843,736	314,652	1,109,991
Alabama, total	297,999	254,544	5,157	455	12,607	3,693	21,543
Alabama A & M University	8,687	5,987	0	0	374	187	2,139
Alabama Southern CC	310	0	0	0	0	0	310
Alabama State University	1,070	44	0	0	325	406	295
Auburn University	31,478	18,926	0	37	2,307	0	10,208
Birmingham Southern Col	60	0	0	60	0	0	0
Bishop State CC	35	0	0	0	0	35	0
Concordia College (Selma)	229	0	0	0	0	0	229
Gadsden State CC	335	0	0	87	0	0	248
Jacksonville State U	53	35	0	18	0	0	0
Jefferson State CC	52	0	0	0	0	0	52
Lawson State CC	200	0	0	0	0	0	200
Miles College	563	549	0	0	0	0	14
Oakwood College	570	570	0	0	0	0	0
Shelton State CC	21	0	0	21	0	0	0
Stillman College	722	0	0	0	157	336	229
Talladega College	449	0	0	0	235	214	0
Trenholm State Tech Col	100	0	0	0	0	0	100
Troy State U Main	52	8	0	0	44	0	0
Tuskegee University	14,109	10,253	0	50	644	502	2,660
U of AL Birmingham, The	182,020	171,045	1,051	63	5,513	1,878	2,470
U of AL Huntsville, The	29,528	23,791	4,000	55	1,632	0	50
U of Alabama Sys Off	1,246	1,199	0	0	1	0	46
U of Alabama, The	12,511	9,930	106	33	422	135	1,885
U of Montevallo	31	0	0	31	0	0	0
U of South Alabama	13,568	12,207	0	0	953	0	408
Alaska, total	54,316	43,031	0	12	2,108	4,153	5,012
Alaska Pacific University	2,970	2,970	0	0	0	0	0
U of AK Anchorage All Cmp	12,343	10,883	0	0	445	0	1,015
U of AK Fairbanks All Cmp	30,712	25,097	0	12	1,482	143	3,978
U of AK Southeast	560	560	0	0	0	0	0
U of AK System Higher Ed	7,731	3,521	0	0	181	4,010	19
Arizona, total	233,332	201,404	664	955	11,000	788	18,521
Arizona State U Main	49,349	42,501	0	700	1,591	81	4,476
Arizona Western College	97	0	0	0	0	0	97
Central Arizona College	315	0	0	0	0	0	315
Dine College	1,458	492	0	0	110	322	534
Maricopa CC Sys Off	1,450	0	0	0	0	0	1,450
Northern Arizona U	9,176	6,065	174	92	2,032	0	813
Prescott College	422	372	0	0	0	0	50
U & State Col AZ Sys Off	540	317	0	0	0	0	223
University of Arizona	170,390	151,657	490	56	7,267	385	10,535
University of Phoenix	107	0	0	107	0	0	0
Yavapai College	28	0	0	0	0	0	28
Arkansas, total	72,055	54,085	478	25	3,891	828	12,748
Arkansas State U	123	22	0	0	0	0	101
Cossatot Tech College	466	0	466	0	0	0	0
Henderson State U	25	0	0	25	0	0	0
Hendrix College	20	20	0	0	0	0	0
Lyon College	256	0	0	0	0	0	256
Ouachita Baptist U	259	0	0	0	0	0	259

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Arkansas, continued:							
Philander Smith College	99	0	0	0	0	99	0
U of Arkansas Little Rock	15,807	6,671	0	0	447	0	8,689
U of Arkansas Main	22,024	18,358	12	0	1,672	362	1,620
U of Arkansas Med Sci	28,074	26,539	0	0	1,305	135	95
U of Arkansas Monticello	99	99	0	0	0	0	0
U of Arkansas Pine Bluff	4,520	2,278	0	0	282	232	1,728
U of Central Arkansas	283	98	0	0	185	0	0
California, total	2,500,871	2,247,783	26,218	2,527	121,467	31,678	71,198
Azusa Pacific University	71	0	0	0	71	0	0
CA Col of Podiatric Med	26	0	0	0	26	0	0
CA Inst of Technology	148,957	143,530	347	50	4,707	186	137
CA Institute of the Arts	560	560	0	0	0	0	0
CA Lutheran University	597	0	0	0	0	0	597
CA Schl Prof Psych Ctrl	500	500	0	0	0	0	0
CA St Poly U Pomona	4,754	1,666	0	18	189	989	1,892
CA St Poly U San Luis	2,049	1,322	0	190	537	0	0
CA St U Bakersfield	337	179	0	0	8	0	150
CA St U Chico	525	73	0	122	196	0	134
CA St U Dominguez Hills	2,971	1,088	0	0	1,035	601	247
CA St U Fresno	1,660	464	0	0	427	0	769
CA St U Fullerton	4,143	1,529	0	200	460	0	1,954
CA St U Hayward	1,164	30	0	0	300	834	0
CA St U Long Beach	6,105	3,321	139	0	733	0	1,912
CA St U Los Angeles	10,231	4,878	128	0	2,185	2,486	554
CA St U Monterey Bay	1,628	839	0	3	0	0	786
CA St U Northridge	3,952	963	110	10	1,397	1,374	98
CA St U Sacramento	4,054	3,251	0	53	33	0	717
CA St U San Bernardino	569	474	0	0	95	0	0
CA St U San Marcos	1,125	204	0	0	0	921	0
CA St U Stanislaus	218	0	0	0	143	0	75
CA St U System Office	5,382	1,145	0	0	839	0	3,398
Canada College	148	148	0	0	0	0	0
Chapman University	6,719	5,948	0	0	416	319	36
Charles Drew U Med & Sci	2,471	2,221	0	0	250	0	0
Claremont Graduate U	382	382	0	0	0	0	0
Claremont McKenna College	67	67	0	0	0	0	0
College of Notre Dm Blmt	79	79	0	0	0	0	0
College of San Mateo	60	60	0	0	0	0	0
Compton Community College	200	0	0	0	0	0	200
Contra Costa College	545	545	0	0	0	0	0
Cuesta College	204	0	0	0	0	0	204
Cypress College	589	0	0	0	0	206	383
D-Q University	63	0	0	0	63	0	0
Foothill College	200	0	0	0	0	0	200
Foothill-DeAnza CC SO	1,194	0	0	0	1,194	0	0
Harvey Mudd College	819	462	0	52	0	0	305
Humboldt State University	1,875	1,423	0	235	0	0	217
LA Col of Chiropractic	272	272	0	0	0	0	0
Loma Linda University	17,063	16,578	0	0	485	0	0
Loyola Marymount U	234	154	0	3	0	0	77
Mills College	133	133	0	0	0	0	0
Monterey Peninsula Col	1,398	45	0	0	0	0	1,353
Moorpark College	340	0	0	0	0	0	340

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
California, continued:							
Mount San Antonio College	297	0	0	0	297	0	0
Mount St Marys Col LA CA	574	367	0	0	207	0	0
National University	100	0	0	0	0	0	100
Natl Hispanic U(Oakland)	384	319	0	0	0	0	65
Natl Physical Sci Cnstrm	15	0	0	0	15	0	0
Naval Postgraduate Schl	928	927	0	0	0	0	1
Occidental College	413	352	0	55	0	0	6
Pasadena City College	291	0	0	0	0	91	200
Pepperdine University	1,438	30	0	0	0	0	1,408
Peralta CC Sys Off	850	0	0	0	0	0	850
Pitzer College	279	279	0	0	0	0	0
Point Loma Nazarene Col	196	196	0	0	0	0	0
Pomona College	832	782	0	0	0	0	50
Porterville College	100	0	0	0	100	0	0
Rancho Santiago College	26	0	0	26	0	0	0
Sam Merritt College	62	0	0	0	62	0	0
San Diego City College	45	0	0	0	0	0	45
San Diego State U	27,229	17,153	0	47	3,577	323	6,129
San Fran CC Dist	1,270	0	0	0	0	270	1,000
San Fran State University	14,673	10,364	0	185	1,729	2,032	363
San Jose State University	15,907	10,945	235	52	1,865	135	2,675
Santa Clara University	820	545	0	34	166	0	75
Scripps Rsch Inst, The	124,843	124,843	0	0	0	0	0
Sonoma State University	918	157	0	35	320	0	406
Southwestern Col Chl Vsta	14	0	0	0	0	14	0
St Mary's College of CA	107	71	0	36	0	0	0
Stanford University	346,380	321,302	1,716	70	20,008	408	2,876
State Center CC Dist	110	0	0	0	0	0	110
U of CA Berkeley	224,040	189,890	1,117	334	14,411	761	17,527
U of CA Davis	135,474	128,368	1,965	0	3,564	351	1,226
U of CA Irvine	103,756	96,580	2,089	0	2,374	375	2,338
U of CA Los Angeles	299,539	275,245	2,203	150	17,057	1,725	3,159
U of CA Office of Pres	26,367	14,035	0	0	308	11,300	724
U of CA Riverside	26,954	24,726	608	0	237	0	1,383
U of CA San Diego	325,691	296,412	13,074	0	12,684	2,651	870
U of CA San Francisco	276,142	251,924	0	0	19,763	1,865	2,590
U of CA Santa Barbara	72,356	67,072	560	197	702	347	3,478
U of CA Santa Cruz	29,580	26,635	162	0	1,393	87	1,303
U of Redlands	2,949	2,949	0	0	0	0	0
U of San Diego	848	176	0	0	272	0	400
U of San Francisco	903	45	0	0	732	0	126
U of Southern California	199,860	189,883	1,765	370	3,835	1,027	2,980
U of the Pacific	307	307	0	0	0	0	0
West Hills CC	326	326	0	0	0	0	0
Westmont College	45	45	0	0	0	0	0
Colorado, total	504,673	413,899	19,020	396	22,958	25,200	23,200
Adams State College	255	50	0	28	177	0	0
Colorado College	139	139	0	0	0	0	0
Colorado School of Mines	9,802	8,098	383	90	2	992	237
Colorado State University	81,472	63,557	1,911	100	1,381	7,882	6,641
Community Col Aurora	892	0	0	0	0	0	892

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Colorado, continued:							
Fort Lewis College	82	82	0	0	0	0	0
Metro State Col of Denver	596	12	0	0	0	0	584
Pikes Peak CC	46	0	0	26	0	0	20
Regis University	91	53	0	0	38	0	0
Trinidad State Junior Col	473	0	0	0	148	0	325
U Corp for Atmosph Rsch	115,158	87,969	15,727	0	5,205	0	6,257
U of Colorado	285,748	247,063	560	152	14,494	15,735	7,744
U of Denver	6,721	5,923	439	0	186	0	173
U of Northern Colorado	2,585	953	0	0	1,305	0	327
U of Southern Colorado	613	0	0	0	22	591	0
Connecticut, total	334,784	303,805	1,909	382	19,327	836	8,525
Central Connecticut St U	64	52	0	0	12	0	0
Connecticut College	825	825	0	0	0	0	0
Fairfield University	404	170	0	50	17	0	167
Quinnipiac College	92	92	0	0	0	0	0
Sacred Heart University	25	0	0	0	25	0	0
Southern Connecticut St U	63	57	0	0	6	0	0
St Joseph Col (W Hrtfrd)	24	0	0	0	24	0	0
Trinity Col (Hartford)	106	106	0	0	0	0	0
Tunxis Cmty Tech Col	100	0	0	0	0	0	100
U of Connecticut	58,933	51,801	0	332	2,348	0	4,452
U of Hartford	1,085	372	0	0	713	0	0
Wesleyan University	4,386	4,309	0	0	77	0	0
Yale University	268,677	246,021	1,909	0	16,105	836	3,806
Delaware, total	50,166	40,511	929	200	1,332	914	6,280
Delaware State University	2,535	979	132	0	258	242	924
Delaware Tech & CC	1,251	0	0	200	0	0	1,051
U of Delaware	46,287	39,532	797	0	981	672	4,305
Wilmington Col (N Cstl)	93	0	0	0	93	0	0
District of Columbia, total	184,265	163,324	935	0	10,471	2,454	7,081
American University	1,113	971	0	0	44	0	98
Catholic U of America	6,449	6,292	0	0	137	0	20
Cnsrtm Ocean Rsch & Ed	705	705	0	0	0	0	0
Gallaudet University	815	48	0	0	767	0	0
George Washington U	44,218	40,041	0	0	3,498	133	546
Georgetown University	97,440	92,039	618	0	3,730	60	993
Howard University	29,960	22,270	317	0	1,996	1,192	4,185
University of DC	3,565	958	0	0	299	1,069	1,239
Florida, total	394,086	332,846	2,079	491	19,810	12,499	26,361
Advanced Technology Inst	542	542	0	0	0	0	0
Barry University	1,422	0	0	0	857	565	0
Bethune Cookman College	2,281	251	0	0	381	604	1,045
Daytona Beach CC	199	27	0	0	0	0	172
Eckerd College	134	129	0	0	5	0	0
Edward Waters College	150	150	0	0	0	0	0
Embry Riddle Aeronautcl U	1,893	1,634	0	0	0	0	259
Florida A&M University	21,433	12,845	0	0	510	2,002	6,076
Florida Atlantic U	6,428	5,060	0	58	109	0	1,201
Florida Inst of Tech	1,375	1,309	0	0	66	0	0
Florida International U	17,962	14,143	524	0	685	1,313	1,297
Florida Memorial College	145	0	0	0	0	0	145
Florida State University	50,794	46,332	0	100	1,886	1,309	1,167

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Florida, continued:							
Jacksonville University	56	0	0	56	0	0	0
Miami-Dade CC	150	0	0	0	150	0	0
Nova Southeastern U	2,597	1,354	0	0	574	0	669
Rollins College	46	46	0	0	0	0	0
St Thomas University	143	0	0	0	0	0	143
University of Central FL	13,688	12,317	77	0	441	0	853
University of Florida	130,623	111,103	1,311	277	5,766	238	11,928
University of Miami	104,657	93,583	0	0	4,170	6,019	885
University of North FL	257	157	0	0	100	0	0
University of South FL	33,783	29,101	167	0	3,965	449	101
University of Tampa	37	0	0	0	37	0	0
University of West FL	2,871	2,763	0	0	108	0	0
Valencia CC	420	0	0	0	0	0	420
Georgia, total	386,797	310,361	1,427	584	15,542	7,974	50,909
Agnes Scott College	134	134	0	0	0	0	0
Albany State University	1,047	512	0	0	38	103	394
Clark Atlanta University	15,063	10,065	0	0	735	1,986	2,277
Columbus State University	406	6	0	0	0	0	400
Emory University	138,297	128,478	1,222	0	6,095	840	1,662
Fort Valley State U	5,349	2,761	0	0	186	235	2,167
Georgia College & State U	2	2	0	0	0	0	0
Georgia Inst of Tech	88,607	64,448	205	229	1,452	318	21,955
Georgia Perimeter College	3	3	0	0	0	0	0
Georgia Southern U	897	698	0	49	51	0	99
Georgia Southwestern St U	133	0	0	0	0	0	133
Georgia State University	12,006	10,422	0	0	1,284	0	300
Inst Paper Sci & Tech	2,842	2,842	0	0	0	0	0
Interdenomintnl Theo Ctr	300	0	0	0	0	0	300
Kennesaw State University	594	184	0	210	0	0	200
Medical Col of Georgia	15,799	15,442	0	0	357	0	0
Mercer U	5,267	4,649	0	0	0	0	618
Morehouse College	3,809	1,252	0	0	1,810	162	585
Morehouse School of Med	19,589	15,479	0	0	766	3,344	0
Morris Brown College	375	146	0	0	0	0	229
North GA Col & State U	53	53	0	0	0	0	0
Savannah State University	682	582	0	0	0	0	100
Spelman College	6,125	1,931	0	0	1,591	0	2,603
State U of West Georgia	262	55	0	33	0	0	174
Thomas Col (Thomsvl)	70	0	0	0	70	0	0
University Sys of Georgia	1,170	0	0	0	0	0	1,170
University of Georgia	67,125	49,705	0	0	891	986	15,543
Valdosta State University	543	281	0	46	216	0	0
Wesleyan College (Macon)	49	32	0	17	0	0	0
West Georgia Tech Inst	199	199	0	0	0	0	0
Hawaii, total	95,456	78,534	625	100	2,621	5,317	8,259
Chaminade U of Honolulu	153	0	0	0	0	153	0
Hawaii Pacific University	130	130	0	0	0	0	0
Kapiolani CC	572	0	0	0	0	572	0
Maui Community College	25	0	0	0	0	0	25
U of Hawaii Hilo	4,159	3,534	625	0	0	0	0
U of Hawaii Manoa	82,756	67,365	0	100	2,621	4,559	8,111
U of Hawaii System Office	7,661	7,505	0	0	0	33	123

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

Page 6 of 23

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Idaho, total	30,008	20,658	57	1,600	1,416	96	6,181
Boise State University	3,574	2,297	0	0	0	0	1,277
College of Southern Idaho	1,600	0	0	1,600	0	0	0
Idaho State University	2,164	903	0	0	744	0	517
University of Idaho	22,670	17,458	57	0	672	96	4,387
Illinois, total	676,939	587,218	16,880	1,061	31,635	7,068	33,077
Augustana Col (Rock Isld)	210	200	0	0	0	0	10
Benedictine University	121	121	0	0	0	0	0
Blackburn College	24	0	0	12	0	0	12
Bradley University	2,802	0	0	0	4	0	2,798
Chicago State University	1,981	1,203	0	0	0	778	0
Columbia Col (Chicago)	657	0	0	0	0	0	657
DePaul University	3,327	2,781	0	0	310	0	236
East West University	259	0	0	0	0	0	259
Eastern Illinois U	347	121	0	46	0	0	180
Elgin Community College	200	0	0	0	0	0	200
Elmhurst College	78	78	0	0	0	0	0
Finch U Hlth Sci/Chic Med	4,656	4,540	0	0	116	0	0
Governors State U	145	0	0	100	45	0	0
Illinois Inst of Tech	8,190	5,185	0	84	548	2,344	29
Illinois State University	1,392	697	0	0	107	0	588
Joliet Junior College	305	0	0	0	0	0	305
Knox College	193	193	0	0	0	0	0
Lake Forest College	259	259	0	0	0	0	0
Loyola U of Chicago	18,343	17,760	0	0	333	0	250
Midwestern University	511	511	0	0	0	0	0
Millikin University	10	0	0	10	0	0	0
Moraine Valley CC	316	0	0	0	0	0	316
National Col Chiropractic	157	157	0	0	0	0	0
Northeastern Illinois U	68	68	0	0	0	0	0
Northern Illinois U	4,397	3,092	0	0	1,201	0	104
Northwestern University	149,578	138,580	731	28	5,945	497	3,797
Rock Valley College	250	0	0	0	0	0	250
Rockford College	29	0	0	29	0	0	0
Rush University	626	196	0	0	430	0	0
Southern IL U	1,362	1,241	0	32	89	0	0
Southern IL U Carbondale	6,169	5,240	0	0	768	161	0
Southern IL U Edwardsvlle	732	336	0	0	67	0	329
St Augustine CC	20	0	0	0	0	20	0
St Xavier University	26	0	0	0	26	0	0
U of IL Chicago	103,887	91,374	0	81	5,503	2,188	4,741
U of IL Univ Admin	13,447	11,768	0	150	100	0	1,429
U of IL Urbana-Champaign	182,695	145,477	14,019	489	5,486	1,012	16,212
University of Chicago	168,594	155,564	2,130	0	10,557	68	275
Western Illinois U	576	476	0	0	0	0	100
Indiana, total	245,967	208,598	4,163	508	9,221	1,688	21,789
Ball State University	854	250	0	0	8	0	596
DePauw University	96	53	0	43	0	0	0
Goshen College	64	0	0	64	0	0	0
Indiana State U All Camp	1,116	72	0	0	844	0	200
Indiana U	125,172	110,459	2,234	20	5,341	345	6,773
Indiana Wesleyan U	48	0	0	0	48	0	0
Manchester College	12	12	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Indiana, continued:							
Natl Cnsrtm Grad Eng Min	470	0	0	0	470	0	0
Purdue University	92,527	73,550	1,034	380	2,268	1,343	13,952
Rose-Hulman Inst of Tech	96	96	0	0	0	0	0
Taylor University	156	156	0	0	0	0	0
University of Evansville	18	0	0	0	18	0	0
University of Notre Dame	24,961	23,621	873	1	198	0	268
Valparaiso University	377	329	22	0	26	0	0
Iowa, total	214,975	181,286	688	445	9,354	1,823	21,379
Clarke Col (Dubuque)	147	0	0	0	0	0	147
Coe College	338	222	0	116	0	0	0
Des Moines Area CC	253	0	0	0	0	0	253
Drake University	374	104	0	0	270	0	0
Graceland College	24	0	0	0	24	0	0
Grinnell College	117	42	0	75	0	0	0
Iowa Ctrl CC All Campuses	76	0	0	0	0	0	76
Iowa State University	63,670	44,964	666	13	1,520	346	16,161
Iowa Western CC	52	0	0	0	0	0	52
Kirkwood CC	544	400	0	20	124	0	0
Loras College	81	81	0	0	0	0	0
Maharishi U of Mgmt	2,701	2,701	0	0	0	0	0
Palmer Col Chiropractic	786	786	0	0	0	0	0
St Ambrose University	113	0	0	113	0	0	0
University of Iowa	140,755	129,322	22	108	6,930	1,477	2,896
University of N Iowa	4,872	2,592	0	0	486	0	1,794
Upper Iowa University	72	72	0	0	0	0	0
Kansas, total	109,403	85,444	1,906	467	7,549	249	13,788
Emporia State University	569	120	0	0	171	0	278
Fort Hays State U	301	259	0	0	42	0	0
Haskell Indian Nations U	244	144	0	0	100	0	0
Kansas City Kansas CC	9	0	0	9	0	0	0
Kansas State University	36,281	27,119	511	94	171	0	8,386
Pittsburg St U (Pittsbrg)	232	143	0	66	23	0	0
University of Kansas	67,025	53,964	1,395	72	6,591	249	4,754
Wichita State University	4,742	3,695	0	226	451	0	370
Kentucky, total	117,801	91,678	131	189	7,675	119	18,009
Berea College	200	0	0	0	0	0	200
Eastern Kentucky U	222	0	0	0	0	0	222
Kentucky State University	4,964	2,647	0	4	187	119	2,007
Louisville Technical Inst	300	300	0	0	0	0	0
Midway College	60	60	0	0	0	0	0
Morehead State University	610	35	0	89	165	0	321
Murray State University	924	434	0	0	109	0	381
Northern Kentucky U	354	33	0	0	0	0	321
Spalding University	473	426	0	0	47	0	0
Thomas More College	107	82	0	25	0	0	0
U of Kentucky All Cmp	89,913	70,096	131	0	5,244	0	14,442
U of Louisville	16,900	15,361	0	71	1,468	0	0
Union Col (Barbourvl)	77	77	0	0	0	0	0
Western Kentucky U	2,697	2,127	0	0	455	0	115

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Louisiana, total	193,566	149,680	1,415	139	6,387	18,433	17,512
Centenary College of LA	64	0	0	16	0	0	48
Dillard University	43	19	0	0	0	0	24
Grambling State U	2,964	2,575	0	0	389	0	0
LA St U All Campuses	114,345	86,208	240	0	2,554	15,109	10,234
LA St U System Office	824	824	0	0	0	0	0
LA U Marine Consortium	724	494	0	0	0	0	230
Louisiana Tech (Jeffersn)	42	0	0	42	0	0	0
Louisiana Tech University	2,335	1,161	0	0	100	0	1,074
Loyola U New Orleans	517	89	0	38	0	0	390
McNeese State University	1	1	0	0	0	0	0
Northwestern St U (Natch)	201	0	0	0	201	0	0
Southeast College of Tech	39	0	0	0	0	0	39
Southeastern Louisiana U	533	30	0	0	195	0	308
Southern U A&M All Cmp	10,795	5,652	0	0	1,655	1,436	2,052
Tulane University	40,088	38,592	639	0	619	193	45
U of LA at Monroe, The	411	286	0	43	0	82	0
U of Louisiana Lafayette	6,977	6,269	536	0	0	0	172
Xavier U of Louisiana	12,663	7,480	0	0	674	1,613	2,896
Maine, total	26,306	18,411	515	320	1,207	0	5,853
Bates College	468	394	0	74	0	0	0
Bowdoin College	411	237	0	100	0	0	74
Central Maine Tech Col	32	0	0	0	0	0	32
Colby College	71	71	0	0	0	0	0
Husson College	442	0	0	0	442	0	0
U of Maine	20,530	14,894	515	0	468	0	4,653
U of Maine Farmington	69	69	0	0	0	0	0
U of New England	965	811	0	0	154	0	0
U of Southern Maine	3,318	1,935	0	146	143	0	1,094
Maryland, total	1,120,503	1,004,165	855	868	35,509	18,568	60,538
Allegany Col of MD	36	0	0	36	0	0	0
Bowie State University	4,335	1,337	0	0	0	0	2,998
Capitol College	54	0	0	0	0	0	54
Charles County CC	19	19	0	0	0	0	0
Cmty Col Baltimore Catons	29	0	0	0	0	0	29
Cmty Col Baltimore Essex	272	0	0	0	0	0	272
Coppin State College	667	0	0	0	667	0	0
Frostburg State U	270	6	0	0	0	0	264
Garrett Community College	800	0	0	800	0	0	0
Hood College	8	8	0	0	0	0	0
Johns Hopkins University	855,678	777,913	291	0	24,434	12,761	40,279
Loyola College	1,906	1,906	0	0	0	0	0
Morgan State University	8,360	5,047	43	0	991	623	1,656
Prince Georges CC	176	0	0	0	1	175	0
Salisbury State U	166	27	0	0	16	0	123
Sojourner Douglas College	20	0	0	0	0	20	0
St Mary's Col of MD	419	304	0	32	0	0	83
Towson University	743	428	101	0	0	0	214
U Sys of MD Headquarters	8,602	3,930	0	0	2,830	226	1,616
U of Baltimore	431	431	0	0	0	0	0
U of MD Baltimore	89,547	83,504	0	0	4,344	0	1,699
U of MD Baltimore County	14,343	12,201	0	0	823	513	806
U of MD Biotech Inst	3,662	2,292	0	0	164	1,206	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Maryland, continued:							
U of MD College Park	120,785	108,013	420	0	779	3,044	8,529
U of MD Ctr for Env Sci	3,621	3,176	0	0	35	0	410
U of MD Eastern Shore	3,368	1,561	0	0	425	0	1,382
U of MD University Col	2,133	2,009	0	0	0	0	124
US Naval Academy	43	43	0	0	0	0	0
Western Maryland College	10	10	0	0	0	0	0
Massachusetts, total	1,047,036	937,608	17,440	712	57,504	7,852	25,920
Amherst College	607	586	0	0	21	0	0
Assumption College	1,082	167	106	0	809	0	0
Berklee College of Music	173	0	0	0	0	0	173
Berkshire CC	300	0	0	0	0	0	300
Boston College	13,192	11,379	0	0	783	275	755
Boston University	140,797	131,153	1,208	0	6,223	834	1,379
Brandeis University	25,638	20,943	800	0	3,502	0	393
Bridgewater State College	45	45	0	0	0	0	0
Bunker Hill CC	107	0	0	0	0	0	107
Cambridge College	25	0	0	0	0	0	25
Clark University	2,368	2,156	0	0	212	0	0
Col of Our Lady of Elms	5	5	0	0	0	0	0
Col of the Holy Cross	119	119	0	0	0	0	0
Five Colleges Inc	24	24	0	0	0	0	0
Greenfield CC	420	0	0	0	0	0	420
Hampshire College	624	384	0	0	0	0	240
Harvard University	294,883	265,597	311	0	24,934	2,209	1,832
Lesley College	15	15	0	0	0	0	0
MA Bay Community College	69	0	0	0	0	0	69
MA Inst of Technology	276,811	253,249	6,699	117	13,100	1,577	2,069
Merrimack College	30	30	0	0	0	0	0
Mount Holyoke College	777	443	0	95	0	0	239
New Eng Col of Optometry	1,087	1,061	0	0	26	0	0
Northeastern University	28,445	19,740	5,509	0	336	151	2,709
Regis Col (Weston)	169	0	0	0	86	0	83
Simmons College	1,198	703	0	0	266	0	229
Smith College	1,011	1,011	0	0	0	0	0
Springfield Col (Sprgfld)	292	102	0	0	190	0	0
Springfield Tech CC	1,075	0	0	75	0	0	1,000
Stonehill College	75	75	0	0	0	0	0
Tufts University	53,764	46,754	1,096	0	2,303	1,026	2,585
U of MA Amherst	55,451	45,094	251	379	1,254	310	8,163
U of MA Boston	5,744	4,494	0	0	861	0	389
U of MA Central Office	399	399	0	0	0	0	0
U of MA Dartmouth	3,169	2,156	0	0	0	0	1,013
U of MA Lowell	5,015	4,677	0	0	196	0	142
U of MA Worcester	63,048	60,675	0	0	2,168	205	0
Wellesley College	1,798	1,483	226	0	38	0	51
Wentworth Inst of Tech	406	406	0	0	0	0	0
Westfield State College	109	109	0	0	0	0	0
Wheaton Col (Norton)	107	107	0	0	0	0	0
Wheelock College	274	0	0	0	0	0	274
Williams College	1,625	1,579	0	46	0	0	0
Woods Hole Ocean Inst	62,481	58,737	1,102	0	166	1,265	1,211
Worcester Polytech Inst	2,183	1,951	132	0	30	0	70

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Michigan, total	562,483	488,770	3,823	873	26,120	6,101	36,796
Albion College	49	18	0	31	0	0	0
Alma College	315	315	0	0	0	0	0
Andrews University	106	106	0	0	0	0	0
Bay Mills CC	66	0	0	0	66	0	0
Calvin College	291	216	0	0	0	0	75
Central Michigan U	529	75	133	0	240	34	47
Charles Stewart Mott CC	679	0	0	0	0	0	679
Cranbrook Acad of Art	259	0	0	0	0	0	259
Eastern Michigan U	909	711	0	49	0	0	149
Grand Valley State U	399	89	0	0	13	0	297
Henry Ford CC	620	0	0	0	0	0	620
Hope College	856	804	0	0	0	0	52
Kettering University	35	35	0	0	0	0	0
Lake Michigan College	572	0	0	0	0	0	572
Lawrence Technological U	335	335	0	0	0	0	0
Michigan State University	111,950	91,923	970	0	1,762	2,217	15,078
Michigan Tech University	11,890	10,517	199	80	67	0	1,027
Northern Michigan U	309	28	0	0	30	0	251
Oakland University	4,179	3,750	0	0	37	0	392
Saginaw Valley State U	657	319	0	0	0	0	338
U of Detroit Mercy	670	256	0	158	256	0	0
U of Michigan	352,800	315,939	2,222	445	20,046	3,333	10,815
Wayne State University	67,177	60,993	299	79	2,979	517	2,310
Western Michigan U	6,831	2,341	0	31	624	0	3,835
Minnesota, total	267,724	231,338	123	2,213	13,039	4,083	16,928
Augsburg College	146	146	0	0	0	0	0
Bemidji State University	367	9	0	0	0	0	358
Carleton College	586	431	0	0	0	104	51
Century Cmty & Tech Col	265	0	0	0	0	0	265
College of St Benedict	21	0	21	0	0	0	0
College of St Catherine	123	0	0	0	0	0	123
College of St Scholastica	388	103	0	0	43	0	242
Concordia Col Moorhead	5	5	0	0	0	0	0
Fond du Lac Tribal & CC	63	0	0	0	63	0	0
Hamline University	647	647	0	0	0	0	0
Leech Lake Tribal College	67	0	0	0	67	0	0
MN State Univ Moorhead	192	38	0	0	0	0	154
Macalester College	550	481	0	69	0	0	0
Minnesota State U-Mankato	308	159	0	0	36	0	113
Pine Technical College	830	0	0	830	0	0	0
Saint Mary's U of MN	64	0	0	0	64	0	0
Southwest State U	136	0	0	0	0	0	136
St Cloud State University	775	80	0	98	0	0	597
St Olaf College	467	447	0	0	0	0	20
U of Minnesota	261,406	228,680	102	1,174	12,717	3,979	14,754
U of St Thomas (St Paul)	264	107	0	42	0	0	115
Winona State University	54	5	0	0	49	0	0
Mississippi, total	136,787	102,662	1,231	220	4,557	3,482	24,635
Alcorn State University	6,741	2,946	34	0	752	932	2,077
Delta State University	138	20	0	0	0	0	118
Gulf Coast Ed Intv Cnsrtm	200	200	0	0	0	0	0
Hinds CC Raymond	45	0	0	0	0	45	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Mississippi, continued:							
Jackson State University	12,648	8,601	0	0	1,126	1,544	1,377
Jones County Junior Col	821	0	0	0	0	0	821
Mississippi AL Sea Grant	1,482	741	0	0	89	652	0
Mississippi College	20	0	0	20	0	0	0
Mississippi Gulf Coast CC	20	0	0	0	0	0	20
Mississippi Rsch Cnstrm	1,127	1,127	0	0	0	0	0
Mississippi State U	66,467	51,953	0	100	408	0	14,006
Mississippi U for Women	55	0	0	0	55	0	0
Mississippi Valley St U	1,213	408	0	0	560	0	245
Rust College	226	50	0	0	0	176	0
Tougaloo College	1,152	442	0	0	377	133	200
U of Mississippi	27,878	22,640	1,197	0	560	0	3,481
U of Southern Mississippi	16,554	13,534	0	100	630	0	2,290
Missouri, total	399,909	354,892	1,590	658	18,939	1,084	22,746
Avila College	25	25	0	0	0	0	0
Central Missouri St U	30	30	0	0	0	0	0
Crowder College	629	0	0	0	0	0	629
Drury College	120	0	0	0	0	0	120
Fontbonne College	80	0	0	0	80	0	0
Harris Stowe State Col	131	0	0	0	0	0	131
Kirksville Col Osteo Med	956	604	0	0	352	0	0
Lincoln U (Jeffersn City)	5,546	2,031	0	131	371	449	2,564
Missouri Western St Col	100	0	0	100	0	0	0
Northwest Missouri St U	387	0	0	0	0	0	387
Rockhurst University	1	0	0	0	1	0	0
Southeast Missouri St U	405	14	0	127	264	0	0
Southwest Missouri St U	748	95	0	22	0	0	631
St Louis CC All Cmp	29	0	0	29	0	0	0
St Louis University	24,504	23,660	0	0	355	0	489
Stephens College	24	24	0	0	0	0	0
Truman State University	136	136	0	0	0	0	0
U of Missouri Columbia	70,956	52,433	373	0	2,152	0	15,998
U of Missouri Kansas City	8,054	7,536	0	36	360	122	0
U of Missouri Rolla	7,145	4,837	9	75	1,565	0	659
U of Missouri St Louis	4,869	3,681	0	0	371	0	817
U of Missouri Sys Admin	1,983	1,261	0	0	701	0	21
Washington University	273,051	258,525	1,208	138	12,367	513	300
Montana, total	62,880	48,443	507	52	4,593	1,464	7,821
Blackfeet CC	74	0	0	0	74	0	0
Dull Knife Memorial Col	385	0	0	0	266	119	0
Fort Belknap College	1,320	1,100	0	0	66	154	0
Fort Peck CC	493	0	0	0	232	261	0
Little Big Horn College	267	0	0	0	267	0	0
Montana State U Billings	10,371	7,532	70	10	1,352	0	1,407
Montana State U Bozeman	28,978	21,957	233	0	1,078	704	5,006
Montana State U Northern	400	0	0	0	0	0	400
Montana Tech of U of MT	1,072	817	204	0	50	1	0
Montana U Sys-Sys Off	2,185	2,185	0	0	0	0	0
Salish Kootenai College	1,438	161	0	0	463	14	800
Stone Child College	500	38	0	0	254	208	0
U of Montana, The	15,082	14,538	0	42	491	3	8
Western Montana College	315	115	0	0	0	0	200

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Nebraska, total	79,037	58,787	0	106	3,692	589	15,863
Chadron State College	34	34	0	0	0	0	0
Creighton University	5,103	4,353	0	0	475	0	275
Little Priest Tribal Col	62	0	0	0	62	0	0
Nebraska Indian CC	66	0	0	0	66	0	0
Northeast CC (Norfolk)	1	0	0	0	1	0	0
Peru State College	10	10	0	0	0	0	0
U of Nebraska Ctrl Admin	2,341	576	0	106	1,087	0	572
U of Nebraska Kearney	129	0	0	0	0	0	129
U of Nebraska Lincoln	46,928	31,785	0	0	784	301	14,058
U of Nebraska Med Ctr	22,607	20,582	0	0	908	288	829
U of Nebraska Omaha	1,756	1,447	0	0	309	0	0
Nevada, total	47,780	40,708	553	0	812	2,817	2,890
Community Col S Nevada	424	0	0	0	0	0	424
Desert Research Institute	5,697	5,100	296	0	264	0	37
U & CC Sys of NV SO	15,719	12,902	0	0	0	2,817	0
U of Nevada Las Vegas	6,007	5,271	137	0	162	0	437
U of Nevada Reno	19,933	17,435	120	0	386	0	1,992
New Hampshire, total	104,233	92,162	496	164	4,251	2,570	4,590
Dartmouth College	59,538	54,321	332	164	2,825	1,205	691
NH Cmty Tech Nashua/Clrmt	400	400	0	0	0	0	0
Rivier College	12	0	0	0	12	0	0
St Anselm College	19	19	0	0	0	0	0
U System of NH Sys Off	1,457	948	0	0	501	0	8
U of NH Durham	42,761	36,443	164	0	913	1,365	3,876
U of NH Plymouth St Col	9	9	0	0	0	0	0
U of NH at Manchester	37	22	0	0	0	0	15
New Jersey, total	272,009	236,553	2,583	539	10,545	1,257	20,532
Bergen Community College	185	0	0	0	0	0	185
College of N Jersey, The	447	0	0	0	24	0	423
Drew University	135	135	0	0	0	0	0
Essex County College	104	104	0	0	0	0	0
Felician College NJ	24	0	0	0	24	0	0
Georgian Court College	47	0	0	0	0	0	47
Gloucester County College	47	0	0	0	0	0	47
Hudson County CC	300	0	0	0	0	0	300
Kean University	414	178	0	0	152	0	84
Middlesex County College	648	0	0	0	0	0	648
Monmouth University	321	14	0	0	0	0	307
Montclair St University	896	105	0	0	0	142	649
New Jersey City U	1,405	1,389	0	16	0	0	0
New Jersey Inst of Tech	9,845	7,070	2,047	100	43	0	585
Princeton University	84,021	77,163	309	244	4,227	0	2,078
Ramapo College of NJ	120	0	0	0	0	0	120
Richard Stockton Col NJ	400	0	0	0	0	0	400
Rider University	199	119	0	0	0	80	0
Rowan University	159	93	0	66	0	0	0
Rutgers St U of NJ	93,125	76,377	116	100	2,503	378	13,651
Seton Hall University	1,210	529	0	0	297	0	384
Stevens Institute of Tech	3,358	2,713	111	13	213	0	308
U of Med & Dent of NJ	74,094	70,134	0	0	3,062	657	241
Union County College	430	430	0	0	0	0	0
William Paterson U of NJ	75	0	0	0	0	0	75

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
New Mexico, total	139,445	91,410	333	14,159	5,767	2,332	25,444
College of Santa Fe	100	100	0	0	0	0	0
Eastern NM U	143	18	0	0	100	0	25
Inst Ind AK Culture & Art	64	0	0	0	64	0	0
Luna Vocation Tech Inst	43	0	0	0	0	0	43
New Mexico Highlands U	6,520	1,767	0	0	1,100	900	2,753
New Mexico Inst Mining	5,026	4,892	0	0	47	0	87
New Mexico St U	43,492	20,822	188	156	1,361	653	20,312
Southwestrn Indian Poly	87	0	0	0	87	0	0
U of New Mexico	82,470	63,811	145	12,503	3,008	779	2,224
Western New Mexico U	1,500	0	0	1,500	0	0	0
New York, total	1,450,921	1,269,773	22,934	1,112	64,002	45,229	47,871
Adelphi University	77	48	0	0	29	0	0
Albany Col of Pharmacy	729	729	0	0	0	0	0
Albany Medical College	8,665	7,555	0	0	861	249	0
Alfred University	1,530	1,080	0	45	405	0	0
Bank Street Col of Ed	633	0	0	0	178	0	455
Barnard College	1,082	1,016	0	0	66	0	0
CUNY Baruch College	274	248	0	0	26	0	0
CUNY Bronx CC	681	0	0	0	300	381	0
CUNY Brooklyn College	2,689	1,673	0	0	387	0	629
CUNY City College	19,052	11,025	0	0	1,456	961	5,610
CUNY Col Staten Island	898	898	0	0	0	0	0
CUNY Graduate Center	4,590	1,733	12	0	511	256	2,078
CUNY Herbert H Lehman Col	3,473	391	0	0	695	844	1,543
CUNY Hostos CC	519	437	0	0	0	0	82
CUNY Hunter College	6,059	5,360	0	0	699	0	0
CUNY J Jay Col Crim Just	546	546	0	0	0	0	0
CUNY Medgar Evers College	132	32	0	0	0	0	100
CUNY Mt Sinai Schl of Med	110,186	104,993	0	0	4,071	1,122	0
CUNY NY City Tech Col	247	247	0	0	0	0	0
CUNY Queens College	1,594	1,288	0	0	18	0	288
CUNY Queensboro CC	40	0	0	0	0	0	40
CUNY System Office	4,632	3,940	4	65	151	0	472
CUNY York College	2,146	368	0	0	299	1,479	0
Central Yeshiva Tomchei	28	28	0	0	0	0	0
Clarkson University	3,528	3,055	0	0	102	0	371
Colgate University	289	268	0	21	0	0	0
College of Mt St Vincent	28	0	0	0	28	0	0
College of New Rochelle	33	0	0	0	33	0	0
Columbia U Central Off	9,857	7,003	0	0	0	400	2,454
Columbia U City New York	286,056	251,631	17,770	0	13,222	1,178	2,255
Cooper Union	225	75	0	0	0	0	150
Cornell University	233,741	203,814	2,917	2	10,756	307	15,945
D'Youville College	45	8	0	0	37	0	0
Dowling College	155	33	0	0	0	0	122
Fordham University	2,017	2,017	0	0	0	0	0
Hamilton College	260	194	0	66	0	0	0
Hartwick College	141	141	0	0	0	0	0
Hobart & Wm Smith Cols	158	23	0	0	0	0	135
Hofstra University	937	184	0	0	300	0	453

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
New York, continued:							
Iona College	185	185	0	0	0	0	0
Ithaca College	1,946	457	0	0	0	0	1,489
Long Island University	979	349	0	0	20	610	0
Marist College	376	0	0	0	0	0	376
Marymount Col (Tarrytown)	32	32	0	0	0	0	0
Mercy Col (Dobbs Ferry)	623	494	0	0	129	0	0
NY Inst of Tech	436	366	0	0	0	0	70
NY Medical College	15,550	15,344	0	0	198	0	8
NY University	121,067	113,305	266	0	6,507	237	752
Nazareth Col of Rochester	200	0	0	0	200	0	0
New School University	806	806	0	0	0	0	0
Niagara University	62	33	0	0	29	0	0
Pace University	467	200	0	0	267	0	0
Paul Smiths Col Arts Sci	83	83	0	0	0	0	0
Polytechnic University	4,548	4,165	148	100	22	0	113
Regents College	17	17	0	0	0	0	0
Rensselaer Polytech Inst	19,143	16,159	696	188	139	424	1,537
Rochester Inst Technology	4,672	3,753	0	0	293	0	626
Rockefeller University	52,982	51,038	0	0	1,843	101	0
Russell Sage College	92	0	0	0	92	0	0
SUNY Cayuga County CC	3,000	3,000	0	0	0	0	0
SUNY Col Brockport	142	35	0	0	30	0	77
SUNY Col Buffalo	3,319	3,303	0	0	0	0	16
SUNY Col Cortland	365	102	0	98	0	0	165
SUNY Col Env Sci & Forest	1,606	1,506	0	0	100	0	0
SUNY Col Fredonia	132	132	0	0	0	0	0
SUNY Col Geneseo	84	84	0	0	0	0	0
SUNY Col Old Westbury	1,740	1,027	0	0	487	226	0
SUNY Col Oneonta	99	99	0	0	0	0	0
SUNY Col Oswego	879	564	0	200	0	0	115
SUNY Col Plattsburgh	496	403	0	0	0	0	93
SUNY Col Potsdam	159	59	0	100	0	0	0
SUNY Col of Optometry	1,246	1,122	0	0	124	0	0
SUNY Hlth Sci Ctr Brklyn	21,956	21,752	102	0	102	0	0
SUNY Inst Tech Utica Rome	50	50	0	0	0	0	0
SUNY Maritime College	4,504	2,930	0	0	189	1,385	0
SUNY Onondaga CC	201	0	0	0	0	0	201
SUNY Purchase Col	147	147	0	0	0	0	0
SUNY System Office	5,885	3,762	0	0	1,456	81	586
SUNY Upstate Medical Univ	10,799	10,366	0	0	36	397	0
SUNY at Albany	21,496	20,332	0	0	164	121	879
SUNY at Binghamton	12,588	10,832	0	72	163	0	1,521
SUNY at Buffalo	36,682	34,293	0	0	1,350	136	903
SUNY at New Paltz	70	35	0	0	35	0	0
SUNY at Stony Brook	87,913	80,538	600	0	2,759	540	3,476
Siena College (Loudnvl)	587	587	0	0	0	0	0
Skidmore College	65	65	0	0	0	0	0
St Bonaventure University	477	0	0	0	0	0	477
St John Fisher College	46	40	0	0	6	0	0
St Johns University (NY)	1,225	1,074	0	0	151	0	0
St Lawrence University	9	9	0	0	0	0	0
Syracuse University	18,038	16,627	167	0	471	354	419
Teachers Col Columbia U	2,749	1,795	0	0	560	0	394

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
New York, continued:							
US Merchant Marine Acad	32,473	0	0	0	273	32,200	0
Union Col (Schenectady)	292	227	0	55	10	0	0
University of Rochester	142,939	135,748	252	100	5,943	500	396
Vassar College	305	305	0	0	0	0	0
Wagner College	12	0	0	0	12	0	0
Yeshiva University NY	103,908	97,956	0	0	5,212	740	0
North Carolina, total	662,013	573,092	1,280	924	38,964	12,739	35,014
Appalachian St University	449	431	0	15	3	0	0
Barber Scotia College	91	0	0	0	0	91	0
Bennett Col (Greensboro)	790	32	26	0	134	187	411
Davidson College	142	142	0	0	0	0	0
Duke University	224,569	210,701	460	203	11,874	454	877
East Carolina University	7,393	4,222	0	0	1,629	0	1,542
Elizabeth City State U	2,226	1,866	0	0	200	60	100
Elon College	42	0	0	0	0	0	42
Fayetteville State U	556	28	0	0	0	370	158
Greensboro College	59	0	0	0	0	0	59
Johnson C Smith U	922	546	0	0	147	0	229
Livingstone College	17	0	0	0	0	17	0
Meredith College	50	0	0	0	0	0	50
NC Ag & Tech State U	15,156	9,264	83	0	927	693	4,189
NC Central University	2,947	1,342	0	0	657	607	341
NC State U	87,947	61,998	11	97	2,790	992	22,059
NC Wesleyan Col	55	0	0	0	0	0	55
Shaw University	148	0	0	0	148	0	0
St Augustines College	117	92	0	0	0	0	25
U of NC Asheville	196	196	0	0	0	0	0
U of NC Chapel Hill	223,840	199,267	700	477	16,227	6,320	849
U of NC Charlotte	4,320	3,487	0	0	434	91	308
U of NC General Admin Off	2,538	848	0	0	0	1,690	0
U of NC Greensboro	5,169	1,304	0	0	773	102	2,990
U of NC Pembroke	177	0	0	0	177	0	0
U of NC Wilmington	5,394	5,299	0	0	0	0	95
Wake Forest University	74,168	71,047	0	0	2,348	743	30
Wake Technical CC	231	0	0	0	0	0	231
Warren Wilson College	90	90	0	0	0	0	0
Western Carolina U	1,010	244	0	132	260	0	374
Winston Salem State U	1,204	646	0	0	236	322	0
North Dakota, total	43,901	29,335	736	0	2,238	304	11,288
Bismarck State College	244	0	0	0	0	0	244
Cankdeska Cikana CC	173	0	0	0	138	35	0
Fort Bethold CC	173	0	0	0	67	106	0
Jamestown College	195	195	0	0	0	0	0
Mayville State University	341	341	0	0	0	0	0
Minot State University	321	157	0	0	164	0	0
North Dakota St U	19,393	14,026	19	0	171	0	5,177
Sitting Bull College	289	20	0	0	269	0	0
Turtle Mountain CC	3,926	0	0	0	80	50	3,796
U of North Dakota	18,455	14,596	717	0	1,228	0	1,914
United Tribes Tech Col	195	0	0	0	82	113	0
University of Mary	196	0	0	0	39	0	157

See explanatory information, if any, and SOURCE at end of table

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Ohio, total	492,676	436,880	3,337	250	22,540	3,884	25,785
Antioch University	26	0	0	0	26	0	0
Ashland University	72	72	0	0	0	0	0
Baldwin Wallace College	5	5	0	0	0	0	0
Bowling Gr St U	2,837	1,561	134	0	630	248	264
Case Western Reserve U	177,286	166,992	0	0	9,798	321	175
Central State U (Wlbrfc)	1,023	968	0	0	0	55	0
Cleveland State U	3,846	3,588	0	0	36	0	222
College of Wooster	317	136	67	0	6	0	108
Cuyahoga CC	2,562	0	0	0	0	0	2,562
Denison University	333	333	0	0	0	0	0
Heidelberg College	26	0	0	0	0	0	26
Hiram College	39	39	0	0	0	0	0
John Carroll University	51	51	0	0	0	0	0
Kent State U	8,929	7,158	0	0	1,047	0	724
Kenyon College	142	142	0	0	0	0	0
Marietta College	31	0	0	31	0	0	0
Medical College of Ohio	8,735	7,788	0	0	829	0	118
Miami University All Cmp	5,334	3,073	0	0	39	293	1,929
Muskingum Area Tech Col	272	0	0	0	0	0	272
Northeastern OH U Col Med	2,226	2,226	0	0	0	0	0
Oberlin College	488	349	0	139	0	0	0
Ohio Northern University	16	16	0	0	0	0	0
Ohio State U	137,430	115,505	886	0	4,588	821	15,630
Ohio University	9,100	7,478	1,396	0	0	133	93
Ohio Wesleyan University	237	231	0	0	6	0	0
Otterbein College	55	0	0	31	24	0	0
Shawnee State University	200	0	0	0	0	0	200
Sinclair Community Col	806	0	0	12	0	0	794
Southwstrn OH Cncl Hi Ed	798	798	0	0	0	0	0
U of Akron	5,485	4,768	105	0	151	0	461
U of Cincinnati	72,865	66,287	749	0	3,464	2,013	352
U of Dayton	26,670	25,936	0	0	433	0	301
U of Findlay	1,347	1,347	0	0	0	0	0
U of Toledo	6,832	5,301	0	0	294	0	1,237
Wilberforce University	1,078	1,078	0	0	0	0	0
Wittenberg University	149	0	0	0	0	0	149
Wright State U	14,774	13,514	0	0	1,129	0	131
Xavier U (Cincinnati)	114	0	0	37	40	0	37
Youngstown State U	140	140	0	0	0	0	0
Oklahoma, total	99,634	67,914	890	25	3,971	6,633	20,201
Carl Albert State Col	256	0	0	0	0	0	256
East Central University	1,191	0	0	0	785	0	406
Eastern Oklahoma St Col	113	0	0	0	0	113	0
Langston University	4,014	1,872	0	0	289	212	1,641
Northeastern State U	212	142	0	0	70	0	0
Oklahoma St U	35,917	20,590	144	0	713	7	14,463
Rogers University	259	0	0	0	0	0	259
Southeastern OK St U	522	90	0	0	0	176	256
Southwestern OK St U	25	0	0	25	0	0	0
Tulsa Community College	277	0	0	0	0	0	277
U of Central Oklahoma	371	345	0	0	26	0	0
U of Oklahoma	50,658	41,096	746	0	2,088	6,125	603
U of Tulsa	5,819	3,779	0	0	0	0	2,040

See explanatory information, if any, and SOURCE at end of table

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Oregon, total	227,420	194,776	2,201	128	14,028	5,906	10,381
Central Oregon CC	94	94	0	0	0	0	0
Chemeketa CC	800	0	0	0	0	102	698
Concordia U (Portland OR)	16	0	0	8	0	0	8
Eastern Oregon University	366	0	0	0	0	0	366
Lewis & Clark College	645	324	42	0	279	0	0
Linn Benton Community Col	200	200	0	0	0	0	0
Oregon Grad Inst Sci Tech	11,754	11,424	0	0	34	0	296
Oregon Hlth Sciences U	93,860	87,704	1,542	0	3,932	294	388
Oregon Institute of Tech	98	98	0	0	0	0	0
Oregon State University	75,243	60,846	524	0	1,776	4,863	7,234
Pacific University	28	0	0	28	0	0	0
Portland State U (OR)	4,172	2,434	0	0	597	278	863
Reed College	497	497	0	0	0	0	0
Southern Oregon U	441	441	0	0	0	0	0
University of Oregon	36,774	29,602	93	92	6,198	369	420
Western Oregon University	1,867	547	0	0	1,212	0	108
Western States Chiro Col	310	310	0	0	0	0	0
Willamette University	255	255	0	0	0	0	0
Pennsylvania, total	1,098,534	990 736	7,527	1,081	46,123	6,737	46,330
Allegheny College	391	391	0	0	0	0	0
Beaver College (Glenside)	25	0	0	25	0	0	0
Bloomsburg U of PA	34	34	0	0	0	0	0
Bryn Mawr College	362	362	0	0	0	0	0
Bucknell University	647	467	0	0	0	0	180
CC Philadelphia	120	0	0	120	0	0	0
California U of PA	4	4	0	0	0	0	0
Carlow College	126	74	0	0	52	0	0
Carnegie Mellon U	101,532	91,867	1,654	0	2,045	1	5,965
Cedar Crest College	5	5	0	0	0	0	0
Chatham College	77	77	0	0	0	0	0
Clarion U of PA	275	0	0	81	0	0	194
College Misericordia	47	0	0	0	47	0	0
Dickinson College	834	28	162	0	0	0	644
Drexel University	11,379	7,619	200	125	80	408	2,947
Duquesne University	2,169	1,988	0	0	49	0	132
Franklin & Marshall Col	330	299	0	31	0	0	0
Gannon University	23	0	0	0	23	0	0
Gettysburg College	334	125	0	0	0	0	209
Gwynedd Mercy College	26	0	0	0	26	0	0
Harrisburg Area CC	1	0	0	0	0	0	1
Haverford College	1,405	1,405	0	0	0	0	0
Immaculata College	92	92	0	0	0	0	0
Indiana U of PA	1,093	214	0	0	5	330	544
Juniata College	241	98	0	0	0	0	143
Kutztown U of PA	320	88	0	50	0	0	182
La Salle University	179	0	0	0	81	0	98
Lackawanna Junior College	12	0	0	6	0	0	6
Lafayette College	283	283	0	0	0	0	0
Lehigh Carbon CC	200	0	0	0	200	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Pennsylvania, continued:							
Lehigh University	16,103	13,499	23	0	1,649	495	437
Lincoln U (Linc U PA)	1,017	623	0	0	245	149	0
MCP Hahnemann University	23,334	22,316	0	0	988	0	30
Manor Junior College	30	0	0	0	0	0	30
Mansfield U of PA	500	0	0	0	0	0	500
Mercyhurst College	103	0	0	0	0	0	103
Messiah College	54	54	0	0	0	0	0
Millersville U of PA	180	106	0	74	0	0	0
Moravian College	189	0	0	79	0	0	110
Muhlenberg College	26	3	0	17	6	0	0
PA Col of Optometry	877	518	0	0	359	0	0
PA College of Technology	258	0	0	0	0	0	258
PA St U University Park	236,146	207,840	2,741	228	6,833	354	18,150
Phila Col Osteopathic Med	95	95	0	0	0	0	0
Philadelphia University	69	69	0	0	0	0	0
Shippensburg U of PA	84	0	0	42	0	0	42
Slippery Rock U of PA	67	67	0	0	0	0	0
St Francis Col (Loretto)	2,905	2,905	0	0	0	0	0
St Joseph's University	92	92	0	0	0	0	0
Susquehanna University	34	34	0	0	0	0	0
Swarthmore College	1,511	525	0	0	0	0	986
Temple University	35,457	32,138	0	0	1,436	216	1,667
Thomas Jefferson U	64,426	60,941	0	0	3,485	0	0
U of Pennsylvania	346,828	319,646	1,200	0	20,212	2,504	3,266
U of Pittsburgh	242,055	221,012	1,547	203	7,833	2,280	9,180
U of Scranton	1,369	1,342	0	0	27	0	0
Univ Sciences in Philadel	104	104	0	0	0	0	0
Villanova University	965	575	0	0	315	0	75
Washington & Jeffersn Col	238	238	0	0	0	0	0
West Chester U of PA	316	161	0	0	0	0	155
Widener U All Campuses	141	30	0	0	111	0	0
Wilkes University	395	283	0	0	16	0	96
Rhode Island, total	80,778	69,106	1,774	0	3,607	1,050	5,241
Brown University	48,373	44,042	1,662	0	2,224	0	445
Bryant College	1,500	0	0	0	0	0	1,500
Providence College	175	175	0	0	0	0	0
Rhode Island College	392	59	0	0	333	0	0
U of Rhode Island	30,338	24,830	112	0	1,050	1,050	3,296
South Carolina, total	140,886	112,155	2,078	3,906	5,176	3,891	13,680
Aiken Technical College	1,500	0	0	1,500	0	0	0
Anderson College	39	0	0	29	0	0	10
Benedict College	2,227	1,498	0	0	304	320	105
Claflin College	259	0	0	0	0	0	259
Clemson University	35,372	24,859	632	50	738	191	8,902
Coker College	136	0	0	0	0	0	136
College of Charleston	1,504	1,192	0	0	262	0	50
Columbia Col (Columbia)	446	0	0	15	0	0	431
Converse College	12	0	0	6	0	0	6
Florence-Drlngtn Tech Col	1,100	0	0	1,100	0	0	0
Francis Marion University	110	0	0	0	0	0	110
Furman University	353	273	0	0	0	0	80

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
South Carolina, continued:							
Greenville Tech College	672	647	0	0	0	0	25
Medical U of S Carolina	50,069	45,632	1,000	0	2,034	1,317	86
Morris College	66	0	0	0	0	0	66
Newberry College	110	0	0	0	0	0	110
Orangebrg Calhoun Tech	77	77	0	0	0	0	0
SC Sea Grant Consortium	5,686	3,793	0	0	180	1,324	389
SC State University	5,266	2,777	6	0	543	142	1,798
Spartanburg Technical Col	1,033	0	0	1,033	0	0	0
Trident Tech Col	184	0	0	0	0	0	184
U of SC All Campuses	34,132	31,407	440	173	1,115	549	448
Voorhees College	138	0	0	0	0	48	90
Winthrop University	195	0	0	0	0	0	195
York Technical College	200	0	0	0	0	0	200
South Dakota, total	19,955	10,095	62	66	1,518	147	8,067
Augustana Col (Sioux Fls)	415	18	0	0	0	0	397
Black Hills State U	810	0	62	0	0	0	748
Cheyenne River CC	65	0	0	0	65	0	0
Mount Marty College	18	0	0	0	18	0	0
Oglala Lakota College	1,925	100	0	0	91	122	1,612
Presentation College	12	0	0	0	0	0	12
SD School Mines & Tech	2,312	1,822	0	0	239	0	251
SD State University	11,714	6,663	0	66	209	0	4,776
Sinte Gleska University	259	0	0	0	259	0	0
Sisseton Wahpeton CC	518	0	0	0	476	0	42
U of S Dakota	1,407	992	0	0	161	25	229
U of S Dakota Sys Off	500	500	0	0	0	0	0
Tennessee, total	258,662	207,549	297	560	19,879	4,490	25,887
Belmont University	27	0	0	0	27	0	0
Cumberland School of Tech	12	12	0	0	0	0	0
East Tennessee State U	3,162	2,527	0	65	465	0	105
Fisk University	2,512	2,445	0	0	0	0	67
Lane College	26	0	0	0	0	26	0
Le Moyne Owen College	1,168	1,000	0	0	0	168	0
Lee University	10	0	0	10	0	0	0
Lincoln Memorial U	1	1	0	0	0	0	0
Meharry Medical College	11,471	7,016	149	0	1,820	2,355	131
Middle TN State U	327	99	134	94	0	0	0
Nashville State Tech Inst	517	0	0	0	0	0	517
North Central Institute	401	401	0	0	0	0	0
Shelby State CC	101	101	0	0	0	0	0
Tennessee State U	13,327	5,914	0	0	1,220	696	5,497
Tennessee Technological U	1,951	1,419	0	89	22	0	421
U of Memphis, The	6,571	6,144	0	0	312	0	115
U of Tennessee Chtnooga	584	18	0	150	88	0	328
U of Tennessee Knoxville	49,691	36,412	14	0	786	69	12,410
U of Tennessee U-Wide Adm	3,006	90	0	0	1,154	0	1,762
U of Tennessee, Memphis	27,132	25,684	0	0	1,188	250	10
U of the South	77	77	0	0	0	0	0
Vanderbilt University	136,588	118,189	0	152	12,797	926	4,524

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Texas, total	972,851	834,557	3,892	5,573	36,929	11,778	80,122
Abilene Christian U	229	229	0	0	0	0	0
Alamo CC District	355	164	0	0	0	191	0
Angelo State University	1,283	0	0	1,200	0	0	83
Austin College	28	0	0	28	0	0	0
Baylor Col of Medicine	167,954	149,418	0	0	6,742	855	10,939
Baylor University	1,272	1,216	0	0	26	0	30
College of the Mainland	393	0	0	0	0	0	393
Collin Co CC Dist	350	0	0	0	0	0	350
El Paso Community College	32	32	0	0	0	0	0
Houston Community College	299	150	0	0	0	0	149
Jarvis Christian College	156	0	0	0	0	56	100
Lamar University	2,972	2,474	0	0	498	0	0
Lubbock Christian U	3	3	0	0	0	0	0
Midwestern State U	73	73	0	0	0	0	0
North Harris Mntgmry CC	90	0	0	90	0	0	0
Our Lady of the Lake U	732	404	0	0	152	118	58
Paul Quinn College	51	0	0	0	0	51	0
Prairie View A&M U	11,922	7,763	0	1	190	423	3,545
Rice University	30,292	27,689	614	0	532	100	1,357
Sam Houston State U	975	975	0	0	0	0	0
South Texas CC	46	0	0	0	0	46	0
Southern Methodist U	4,725	4,627	0	0	26	72	0
Southwest Texas Jr Col	189	0	0	0	89	0	100
Southwest Texas St U	3,681	3,257	0	100	158	0	166
St Marys U (San Antonio)	386	244	0	0	22	120	0
Stephen F Austin St U	890	339	0	0	551	0	0
Sul Ross State University	150	0	0	0	150	0	0
TX A&M U Sys Hlth Sci Ctr	821	676	0	0	145	0	0
Tarleton State University	400	400	0	0	0	0	0
Tarrant Co Col District	675	675	0	0	0	0	0
Texas A&M International U	5,624	5,624	0	0	0	0	0
Texas A&M U	87,245	57,019	1,774	112	1,817	1,330	25,193
Texas A&M U Corpus Chrsti	220	130	0	0	90	0	0
Texas A&M U Kingsville	1,465	832	0	0	53	380	200
Texas A&M U System Office	17,936	16,879	0	0	696	271	90
Texas A&M U Texarkana	156	0	0	0	0	0	156
Texas Christian U	2,661	2,661	0	0	0	0	0
Texas Southern U	2,544	2,250	0	0	0	0	294
Texas State Tech Col	1,625	0	0	1,500	6	0	119
Texas Tech University	15,564	12,405	213	1,250	946	0	750
Texas Wesleyan University	105	0	0	0	105	0	0
Texas Womans University	2,259	1,299	0	88	635	0	237
Trinity University	452	405	0	0	47	0	0
Trinity Valley CC	220	220	0	0	0	0	0
U of Dallas	36	36	0	0	0	0	0
U of Houston	16,053	15,634	0	0	117	67	235
U of Houston Clear Lake	6,035	5,811	0	0	43	96	85
U of Houston Downtown	331	231	0	0	0	0	100
U of Houston Sys Admin	397	197	0	0	0	0	200
U of N Texas	8,869	5,603	0	95	645	616	1,910
U of TX Arlington	3,548	2,807	0	44	243	0	454
U of TX Austin	135,170	121,084	438	75	3,938	153	9,482

See explanatory information, if any, and SOURCE at end of table

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Texas, continued:							
U of TX Brownsville	687	0	0	0	178	0	509
U of TX Dallas	4,633	4,333	0	0	0	0	300
U of TX El Paso	24,303	10,842	0	50	510	566	12,335
U of TX Hlth Sci S Anto	54,756	50,091	0	0	4,665	0	0
U of TX Houston Hlth Sci	73,986	65,817	0	0	2,578	1,914	3,677
U of TX MD Anderson Cancr	85,167	82,211	0	0	2,956	0	0
U of TX Med Brnch Galvstn	55,880	52,933	853	0	1,994	100	0
U of TX Pan American	1,506	448	0	0	170	784	104
U of TX Permian Basin	183	83	0	0	0	0	100
U of TX SW Med Ctr Dals	106,689	101,675	0	0	4,742	272	0
U of TX San Antonio	13,915	4,702	0	0	354	2,941	5,918
U of TX System Office	8,591	8,416	0	0	30	0	145
U of TX Tyler	933	933	0	0	0	0	0
U of the Incarnate Word	283	0	0	0	27	256	0
West Texas A&M U	175	138	0	0	37	0	0
Wharton County Junior Col	940	0	0	940	0	0	0
Wiley College	285	0	0	0	26	0	259
Utah, total	182,410	165,430	877	249	7,834	1,828	6,192
Brigham Young U	8,688	8,369	0	0	22	107	190
Salt Lake CC	1	0	0	0	0	0	1
Southern Utah University	27	27	0	0	0	0	0
University of Utah	122,236	114,690	877	100	4,182	1,721	666
Utah State University	50,923	42,234	0	113	3,630	0	4,946
Utah Valley State College	171	0	0	0	0	0	171
Weber State University	201	110	0	0	0	0	91
Westminster Col Salt Lake	163	0	0	36	0	0	127
Vermont, total	54,024	45,781	260	44	3,149	521	4,269
Middlebury College	743	699	0	44	0	0	0
Trinity Col (Burlington)	763	0	0	0	398	0	365
University of Vermont	51,772	45,082	260	0	2,651	521	3,258
Vermont Technical College	746	0	0	0	100	0	646
Virginia, total	311,110	260,894	2,550	878	17,640	2,937	26,211
Blue Ridge CC (Weyers Cv)	163	0	0	163	0	0	0
Col William & Mary All C	9,338	7,312	462	0	367	409	788
Eastern VA Medical Schl	6,000	5,944	0	0	56	0	0
George Mason University	14,968	13,072	341	60	422	0	1,073
Hampton University	13,397	8,841	0	0	1,706	0	2,850
J Sargeant Reynolds CC	73	0	0	0	1	0	72
James Madison University	1,885	653	0	238	0	6	988
Longwood College	388	0	0	0	0	0	388
Lynchburg College	49	0	0	0	0	0	49
Marymount U (Arlington)	57	0	0	0	57	0	0
Norfolk State University	3,264	2,318	0	0	100	280	566
Northern Virginia CC	1	0	0	0	1	0	0
Old Dominion University	13,432	11,152	235	60	1,425	90	470
Radford University	792	0	0	12	324	0	456
Randolph Macon College	136	0	0	136	0	0	0
Roanoke College	83	83	0	0	0	0	0
Southwest Virginia CC	200	0	0	0	0	0	200
Sweet Briar College	67	67	0	0	0	0	0
U of Richmond	1,145	1,145	0	0	0	0	0
U of Virginia	123,308	109,777	1,512	30	8,424	260	3,305
Virginia Commonwealth U	55,261	49,448	0	47	3,230	0	2,536

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Virginia, continued:							
Virginia Military Inst	20	20	0	0	0	0	0
Virginia Poly Inst & St U	61,561	48,468	0	132	848	1,688	10,425
Virginia State University	4,982	2,543	0	0	190	204	2,045
Virginia Union University	516	27	0	0	489	0	0
Washington & Lee U	24	24	0	0	0	0	0
Washington, total	498,367	432,507	3,383	249	28,268	14,251	19,709
Bellevue CC	1,530	555	0	25	0	0	950
Central Washington U	294	294	0	0	0	0	0
Eastern Washington U	475	243	0	0	0	0	232
Evergreen State College	2,001	584	0	19	0	0	1,398
Gonzaga University	150	54	0	1	95	0	0
Green River CC	213	0	0	0	0	0	213
Heritage College	257	257	0	0	0	0	0
Northwest Indian College	474	0	0	0	81	50	343
Pacific Lutheran U	57	34	0	0	23	0	0
Peninsula College	200	0	0	0	0	0	200
Seattle Pacific U	45	0	0	0	45	0	0
Seattle University	208	33	0	0	25	150	0
University of Puget Sound	32	32	0	0	0	0	0
University of Washington	436,641	385,745	3,383	50	24,964	12,892	9,607
Washington State U	52,336	42,379	0	68	2,098	1,159	6,632
Western Washington U	2,984	1,961	0	86	937	0	0
Whitman College	440	306	0	0	0	0	134
Whitworth College	30	30	0	0	0	0	0
West Virginia, total	46,444	25,080	73	100	2,091	1,054	18,046
Concord College	200	0	0	0	0	0	200
Fairmont State College	141	141	0	0	0	0	0
Marshall U Graduate Col	3,929	3,273	73	100	117	0	366
Salem Teikyo University	95	69	0	0	26	0	0
WV University (Morgantwn)	28,606	18,607	0	0	1,943	1,054	7,002
WV University Inst Tech	135	0	0	0	0	0	135
West Liberty State Col	390	0	0	0	0	0	390
Wheeling Jesuit U	12,948	2,990	0	0	5	0	9,953
Wisconsin, total	354,820	310,333	2,166	285	16,808	3,615	21,613
Beloit College	650	0	0	0	0	0	650
Col of Menomenee Nation	66	0	0	0	66	0	0
Concordia U, Wisconsin	35	0	0	0	35	0	0
Edgewood College	29	29	0	0	0	0	0
Lac Courte Ojibwa CC	282	0	0	0	71	111	100
Lawrence University	282	282	0	0	0	0	0
Marquette University	3,320	2,628	0	0	285	0	407
Medical Col of Wisconsin	55,149	52,414	0	0	1,100	1,611	24
Milwaukee Area Tech Col	322	0	0	0	0	0	322
Milwaukee School of Eng	126	126	0	0	0	0	0
Northland College	15	15	0	0	0	0	0
U of WI Colleges	4,895	3,902	0	0	113	826	54
U of WI Eau Claire	361	68	0	0	293	0	0
U of WI Green Bay	93	93	0	0	0	0	0
U of WI La Crosse	216	211	0	0	0	0	5
U of WI Madison	268,376	235,990	1,833	168	12,124	1,067	17,194
U of WI Milwaukee	8,494	6,591	333	63	654	0	853

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Wisconsin, continued:							
U of WI Oshkosh	359	206	0	0	45	0	108
U of WI Parkside	88	88	0	0	0	0	0
U of WI Platteville	12	12	0	0	0	0	0
U of WI River Falls	276	32	0	0	0	0	244
U of WI Stevens Point	50	41	0	0	0	0	9
U of WI Stout	2,067	700	0	0	837	0	530
U of WI System Office	8,585	6,710	0	0	1,185	0	690
U of WI Whitewater	262	195	0	54	0	0	13
Waukesha County Tech Col	200	0	0	0	0	0	200
Western WI Tech Col	210	0	0	0	0	0	210
Wyoming, total	15,789	12,606	0	0	603	4	2,576
University of Wyoming	15,789	12,606	0	0	603	4	2,576
American Samoa, total	1,734	702	0	0	0	0	1,032
American Samoa CC	1,734	702	0	0	0	0	1,032
Guam, total	3,081	1,363	0	0	196	436	1,086
University of Guam	3,081	1,363	0	0	196	436	1,086
Puerto Rico, total	72,419	41,958	1,567	142	5,053	9,209	14,490
American U Puerto Rico	84	12	0	0	60	0	12
Bayamon Central U	233	0	0	0	0	233	0
Colegio U Del Este	299	0	0	0	299	0	0
Inter Am U PR Ctrl Off	1,716	75	0	118	393	471	659
Ponce School of Medicine	3,850	2,344	0	0	0	1,409	97
Pont Cath U of PR, The	965	92	0	0	607	266	0
U Central Del Caribe	5,820	4,702	0	0	0	1,118	0
U Del Turabo	475	75	0	0	193	94	113
U Metropolitana	2,567	1,392	0	0	0	0	1,175
U Politecnica Puerto Rico	1,117	638	422	0	57	0	0
U of PR Arecibo U Col	81	0	0	0	0	81	0
U of PR Cayey U Col	472	292	0	0	0	180	0
U of PR Humacao U Col	1,747	694	0	0	203	850	0
U of PR Mayaguez	19,744	9,445	445	24	838	623	8,369
U of PR Medical Sci	16,028	11,788	700	0	1,648	1,892	0
U of PR Rio Piedras	7,800	4,573	0	0	755	1,992	480
University of PR System	9,421	5,836	0	0	0	0	3,585
Trust Territory of the Pacific Islands, total	4,006	1,443	0	0	198	0	2,365
Col of Micronesia FSM	2,177	735	0	0	198	0	1,244
Northern Marianas College	1,829	708	0	0	0	0	1,121
Virgin Islands, total	1,901	1,241	38	0	15	0	607
U of the Virgin Islands	1,901	1,241	38	0	15	0	607

[1] See Technical Notes, "Categories of Support."

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
United States, total	18,057,927	946,046	311,334	1,802,000	325,940	651,038	178,767	9,841,333	1,038,583	2,699,225	263,661
Alabama, total	297,999	25,903	336	11,865	6,310	4,639	4,352	175,271	46,474	20,352	2,497
Alabama A & M University	8,687	4,426	0	957	163	88	0	26	3,027	0	0
Alabama Southern CC	310	0	0	0	0	0	0	0	0	310	0
Alabama State University	1,070	0	0	0	466	0	0	560	0	44	0
Auburn University	31,478	16,713	115	1,241	2,389	1,144	59	2,890	3,623	2,245	1,059
Birmingham Southern Col	60	0	0	0	0	0	0	0	0	60	0
Bishop State CC	35	0	0	0	35	0	0	0	0	0	0
Concordia College (Selma)	229	0	0	0	229	0	0	0	0	0	0
Gadsden State CC	335	0	0	0	0	0	0	0	0	335	0
Jacksonville State U	53	0	0	0	0	0	0	0	0	53	0
Jefferson State CC	52	0	0	0	0	0	0	0	0	52	0
Lawson State CC	200	0	0	0	200	0	0	0	0	0	0
Miles College	563	0	0	0	0	0	0	0	0	563	0
Oakwood College	570	0	0	0	0	0	0	138	93	339	0
Shelton State CC	21	0	0	0	0	0	0	0	0	21	0
Stillman College	722	0	0	0	229	0	0	493	0	0	0
Talladega College	449	0	0	0	60	0	0	389	0	0	0
Trenholm State Tech Col	100	0	0	0	0	0	0	0	100	0	0
Troy State U Main	52	0	0	8	0	0	0	44	0	0	0
Tuskegee University	14,109	4,764	5	2,485	0	103	0	2,352	2,788	1,612	0
U of AL Birmingham, The	182,020	0	0	3,330	2,131	2,683	29	155,049	12,126	6,407	265
U of AL Huntsville, The	29,528	0	0	2,693	0	100	2,316	354	22,988	1,077	0
U of Alabama Sys Off	1,246	0	0	560	0	0	0	0	0	0	686
U of Alabama, The	12,511	0	134	591	0	468	0	2,435	1,693	6,703	487
U of Montevallo	31	0	0	0	0	0	0	0	0	31	0
U of South Alabama	13,568	0	82	0	408	53	1,948	10,541	36	500	0
Alaska, total	54,316	6,740	6,978	660	816	2,982	589	1,831	9,078	12,543	12,099
Alaska Pacific University	2,970	0	161	0	0	2,804	0	0	0	0	5
U of AK Anchorage All Cmp	12,343	275	145	0	557	0	66	1,379	0	675	9,246
U of AK Fairbanks All Cmp	30,712	5,293	0	660	259	178	123	452	9,078	11,868	2,801
U of AK Southeast	560	0	113	0	0	0	400	0	0	0	47
U of AK System Higher Ed	7,731	1,172	6,559	0	0	0	0	0	0	0	0
Arizona, total	233,332	12,277	1,077	18,048	5,289	5,565	5,721	87,121	30,981	64,601	2,652
Arizona State U Main	49,349	882	0	4,437	1,077	1,738	1,565	11,196	3,191	25,125	138
Arizona Western College	97	0	0	0	97	0	0	0	0	0	0
Central Arizona College	315	0	0	0	315	0	0	0	0	0	0
Dine College	1,458	110	0	100	66	0	0	452	493	237	0
Maricopa CC Sys Off	1,450	0	0	0	0	0	0	0	0	1,450	0
Northern Arizona U	9,176	1,205	0	169	1,350	0	2,056	1,293	277	2,316	510
Prescott College	422	0	0	0	0	0	0	0	321	50	51
U & State Col AZ Sys Off	540	0	0	223	0	317	0	0	0	0	0
University of Arizona	170,390	10,080	1,077	13,012	2,384	3,510	2,100	74,152	26,699	35,423	1,953
University of Phoenix	107	0	0	107	0	0	0	0	0	0	0
Yavapai College	28	0	0	0	0	0	0	28	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Arkansas, total	72,055	25,359	964	1,993	3,327	100	111	28,324	1,420	9,078	1,379
Arkansas State U	123	1	100	0	0	0	0	0	0	0	22
Cossatot Tech College	466	0	466	0	0	0	0	0	0	0	0
Henderson State U	25	0	0	0	0	0	0	0	0	25	0
Hendrix College	20	0	0	0	0	0	0	0	20	0	0
Lyon College	256	0	0	0	256	0	0	0	0	0	0
Ouachita Baptist U	259	0	0	30	229	0	0	0	0	0	0
Philander Smith College	99	0	0	0	0	0	0	99	0	0	0
U of Arkansas Little Rock	15,807	12,245	355	358	0	100	0	668	1,261	762	58
U of Arkansas Main	22,024	8,884	43	703	2,501	0	111	1,055	139	7,289	1,299
U of Arkansas Med Sci	28,074	0	0	810	100	0	0	26,162	0	1,002	0
U of Arkansas Monticello	99	99	0	0	0	0	0	0	0	0	0
U of Arkansas Pine Bluff	4,520	4,130	0	92	75	0	0	223	0	0	0
U of Central Arkansas	283	0	0	0	166	0	0	117	0	0	0
California, total	2,500,871	39,851	20,563	239,899	37,586	89,477	24,694	1,394,386	214,341	421,271	18,803
Azusa Pacific University	71	0	0	0	0	0	0	71	0	0	0
CA Col of Podiatric Med	26	0	0	0	0	0	0	26	0	0	0
CA Inst of Technology	148,957	0	0	21,678	0	10,734	1,034	28,764	31,759	54,112	876
CA Institute of the Arts	560	0	560	0	0	0	0	0	0	0	0
CA Lutheran University	597	0	0	0	597	0	0	0	0	0	0
CA Schl Prof Psych Ctrl	500	0	0	0	500	0	0	0	0	0	0
CA St Poly U Pomona	4,754	0	0	2,306	389	0	0	989	895	175	0
CA St Poly U San Luis	2,049	563	0	332	0	0	60	147	321	626	0
CA St U Bakersfield	337	0	0	124	150	0	0	8	55	0	0
CA St U Chico	525	28	110	0	196	0	0	0	24	167	0
CA St U Dominguez Hills	2,971	0	0	0	896	0	0	887	1,188	0	0
CA St U Fresno	1,660	449	0	0	80	0	0	137	185	809	0
CA St U Fullerton	4,143	0	0	25	200	75	0	1,380	101	2,362	0
CA St U Hayward	1,164	0	0	0	300	0	0	834	0	30	0
CA St U Long Beach	6,105	6	0	0	0	0	0	3,682	335	2,073	9
CA St U Los Angeles	10,231	241	0	149	1,870	0	0	3,553	1,519	2,899	0
CA St U Monterey Bay	1,628	0	0	0	466	0	0	0	753	409	0
CA St U Northridge	3,952	299	0	353	1,023	149	0	1,629	324	175	0
CA St U Sacramento	4,054	0	0	475	242	0	400	525	0	53	2,359
CA St U San Bernardino	569	0	0	0	95	0	0	173	0	301	0
CA St U San Marcos	1,125	0	0	0	0	0	0	921	0	0	204
CA St U Stanislaus	218	0	0	0	143	0	0	0	0	75	0
CA St U System Office	5,382	110	0	495	4,237	0	0	0	0	540	0
Canada College	148	0	0	0	0	0	0	148	0	0	0
Chapman University	6,719	0	0	0	165	0	0	6,554	0	0	0
Charles Drew U Med & Sci	2,471	0	0	1,926	0	0	0	545	0	0	0
Claremont Graduate U	382	0	0	0	0	0	0	382	0	0	0
Claremont McKenna College	67	0	0	0	0	0	0	30	37	0	0
College of Notre Dm Blmt	79	0	0	0	0	0	0	79	0	0	0
College of San Mateo	60	0	0	0	0	0	0	0	60	0	0
Compton Community College	200	0	0	0	200	0	0	0	0	0	0
Contra Costa College	545	0	0	545	0	0	0	0	0	0	0
Cuesta College	204	0	0	0	0	0	0	0	0	204	0

See explanatory information, if any, and SOURCE at end of table

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
California, continued.											
Cypress College	589	0	0	0	0	0	0	0	0	589	0
D-Q University	63	63	0	0	0	0	0	0	0	0	0
Foothill College	200	0	0	0	0	0	0	0	0	200	0
Foothill-DeAnza CC SO	1,194	0	0	0	0	0	0	0	1,194	0	0
Harvey Mudd College	819	0	0	0	305	0	0	0	0	514	0
Humboldt State University	1,875	494	40	0	200	68	0	0	0	472	601
LA Col of Chiropractic	272	0	0	0	0	0	0	272	0	0	0
Loma Linda University	17,063	0	0	0	0	0	241	4,732	12,000	89	1
Loyola Marymount U	234	0	0	0	67	0	0	0	21	146	0
Mills College	133	83	0	0	0	0	0	0	0	50	0
Monterey Peninsula Col	1,398	0	0	0	308	0	0	0	0	1,090	0
Moorpark College	340	0	0	0	0	0	0	0	0	340	0
Mount San Antonio College	297	297	0	0	0	0	0	0	0	0	0
Mount St Marys Col LA CA	574	0	0	0	0	0	0	207	0	367	0
National University	100	0	0	0	100	0	0	0	0	0	0
Natl Hispanic U(Oakland)	384	0	0	319	0	0	0	0	65	0	0
Natl Physical Sci Cnstrm	15	0	15	0	0	0	0	0	0	0	0
Naval Postgraduate Schl	928	15	0	0	0	0	0	0	0	913	0
Occidental College	413	0	0	0	0	52	0	91	0	270	0
Pasadena City College	291	0	0	0	200	0	0	0	0	91	0
Pepperdine University	1,438	0	0	0	1,368	0	0	0	0	70	0
Peralta CC Sys Off	850	0	0	0	0	0	0	0	100	750	0
Pitzer College	279	0	0	0	0	0	0	279	0	0	0
Point Loma Nazarene Col	196	0	0	0	0	0	0	0	0	196	0
Pomona College	832	0	0	0	0	0	0	487	0	345	0
Porterville College	100	100	0	0	0	0	0	0	0	0	0
Rancho Santiago College	26	0	0	0	0	0	0	0	0	26	0
Sam Merritt College	62	0	0	0	0	0	0	62	0	0	0
San Diego City College	45	0	0	0	0	0	0	0	0	45	0
San Diego State U	27,229	0	367	2,600	3,304	0	28	11,103	748	8,867	212
San Fran CC Dist	1,270	0	0	0	0	0	0	270	0	1,000	0
San Fran State University	14,673	249	631	237	1,355	382	1,840	5,690	544	3,676	69
San Jose State University	15,907	0	853	807	1,603	120	0	1,496	6,554	3,788	686
Santa Clara University	820	0	0	50	166	0	0	0	204	400	0
Scripps Rsch Inst, The	124,843	0	0	2,974	0	387	0	118,924	860	1,698	0
Sonoma State University	918	0	0	0	406	0	0	320	152	40	0
Southwestern Col Chl Vsta	14	0	0	0	14	0	0	0	0	0	0
St Mary's College of CA	107	0	0	0	0	0	0	0	0	107	0
Stanford University	346,380	509	0	34,805	2,973	10,889	2,218	190,949	58,490	41,906	3,641
State Center CC Dist	110	0	110	0	0	0	0	0	0	0	0
U of CA Berkeley	224,040	14,438	74	27,246	792	6,448	2,711	76,961	35,058	56,242	4,070
U of CA Davis	135,474	13,995	0	3,908	650	13,753	2,711	73,189	2,390	24,399	479
U of CA Irvine	103,756	674	26	7,531	164	4,882	1,390	65,125	5,384	18,580	0
U of CA Los Angeles	299,539	1,517	0	25,463	3,486	20,728	87	209,074	9,321	29,833	30
U of CA Office of Pres	26,367	62	15,605	288	0	0	0	6,168	0	3,361	883
U of CA Riverside	26,954	4,898	0	1,671	200	1,979	4,380	6,232	661	6,881	52
U of CA San Diego	325,691	440	0	32,268	200	9,985	162	172,425	28,253	80,869	1,089

See explanatory information, if any, and SOURCE at end of table

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
California, continued:											
U of CA San Francisco	276,142	0	0	2,888	750	830	0	267,966	922	2,786	0
U of CA Santa Barbara	72,356	196	50	15,859	287	3,499	481	8,527	7,752	34,610	1,095
U of CA Santa Cruz	29,580	125	0	3,426	4,473	2,446	103	7,662	2,267	9,005	73
U of Redlands	2,949	0	0	0	0	0	2,828	0	0	121	0
U of San Diego	848	0	0	0	0	49	0	372	400	27	0
U of San Francisco	903	0	0	0	836	0	0	22	0	45	0
U of Southern California	199,860	0	2,122	48,825	1,630	2,022	4,020	114,110	3,445	21,312	2,374
U of the Pacific	307	0	0	0	0	0	0	207	0	100	0
West Hills CC	326	0	0	326	0	0	0	0	0	0	0
Westmont College	45	0	0	0	0	0	0	0	0	45	0
Colorado, total	504,673	12,554	46,339	22,423	8,578	13,945	8,628	170,677	73,265	142,144	6,120
Adams State College	255	0	0	0	177	0	0	0	50	28	0
Colorado College	139	0	0	0	0	0	0	0	0	139	0
Colorado School of Mines	9,802	60	2	821	0	999	631	992	3,370	2,565	362
Colorado State University	81,472	11,870	8,681	7,486	150	2,866	1,974	27,260	3,732	13,900	3,553
Community Col Aurora	892	0	0	0	892	0	0	0	0	0	0
Fort Lewis College	82	0	0	0	0	0	0	0	0	75	7
Metro State Col of Denver	596	0	0	0	309	0	0	3	0	284	0
Pikes Peak CC	46	0	0	0	0	0	0	0	0	46	0
Regis University	91	0	0	0	0	0	0	38	0	53	0
Trinidad State Junior Col	473	148	0	0	298	0	0	27	0	0	0
U Corp for Atmosph Rsch	115,158	13	17,114	1,096	0	2,783	51	0	3,720	90,381	0
U of Colorado	285,748	405	20,339	12,780	5,176	7,297	5,972	138,287	61,386	32,528	1,578
U of Denver	6,721	58	203	240	91	0	0	3,071	985	1,549	524
U of Northern Colorado	2,585	0	0	0	1,485	0	0	496	0	508	96
U of Southern Colorado	613	0	0	0	0	0	0	503	22	88	0
Connecticut, total	334,784	7,127	129	10,296	2,614	10,743	527	269,728	4,797	28,114	709
Central Connecticut St U	64	0	0	0	0	0	0	50	14	0	0
Connecticut College	825	0	0	0	0	0	0	101	0	724	0
Fairfield University	404	0	0	0	167	45	0	17	82	55	38
Quinnipiac College	92	0	0	0	0	0	0	92	0	0	0
Sacred Heart University	25	0	0	0	0	0	0	25	0	0	0
Southern Connecticut St U	63	0	0	0	0	0	0	63	0	0	0
St Joseph Col (W Hrtfrd)	24	0	0	0	0	0	0	24	0	0	0
Trinity Col (Hartford)	106	0	0	0	0	0	0	0	11	95	0
Tunxis Cmty Tech Col	100	0	0	0	0	0	0	0	0	100	0
U of Connecticut	58,933	6,395	112	3,841	1,664	934	336	36,650	1,803	6,703	495
U of Hartford	1,085	0	0	0	500	0	0	0	438	147	0
Wesleyan University	4,386	50	0	0	0	0	0	2,046	86	2,183	21
Yale University	268,677	682	17	6,455	283	9,764	191	230,660	2,363	18,107	155
Delaware, total	50,166	6,919	2,107	9,629	1,197	1,962	950	6,951	3,508	16,178	765
Delaware State University	2,535	1,723	0	266	37	0	0	161	200	148	0
Delaware Tech & CC	1,251	0	300	0	751	0	0	0	0	200	0
U of Delaware	46,287	5,196	1,807	9,363	409	1,962	950	6,697	3,308	15,830	765
Wilmington Col (N Cstl)	93	0	0	0	0	0	0	93	0	0	0

See explanatory information, if any, and SOURCE at end of table

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
District of Columbia, total	184,265	1,639	765	28,873	6,398	1,813	2,063	110,721	9,474	9,501	13,018
American University	1,113	56	0	35	86	0	24	210	266	280	156
Catholic U of America	6,449	0	352	696	950	0	0	914	2,789	722	26
Cnsrtm Ocean Rsch & Ed	705	0	0	631	0	0	0	0	0	74	0
Gallaudet University	815	0	0	0	767	0	0	48	0	0	0
George Washington U	44,218	0	218	3,153	3,046	1,011	1,433	27,257	2,224	2,523	3,353
Georgetown University	97,440	45	118	22,735	180	0	444	63,257	26	1,408	9,227
Howard University	29,960	1	77	1,623	1,207	802	162	17,784	3,724	4,394	186
University of DC	3,565	1,537	0	0	162	0	0	1,251	445	100	70
Florida, total	394,086	22,944	13,338	31,460	11,164	21,851	2,826	178,350	26,199	79,555	6,399
Advanced Technology Inst	542	0	0	0	0	542	0	0	0	0	0
Barry University	1,422	0	0	0	0	0	0	1,422	0	0	0
Bethune Cookman College	2,281	0	0	0	381	0	0	634	1,238	28	0
Daytona Beach CC	199	0	0	0	0	0	0	27	0	172	0
Eckerd College	134	5	0	0	0	0	0	0	9	0	120
Edward Waters College	150	0	0	0	0	0	0	0	150	0	0
Embry Riddle Aeronautcl U	1,893	0	0	0	259	0	0	0	1,210	424	0
Florida A&M University	21,433	3,375	49	690	842	2,237	26	4,628	4,797	4,789	0
Florida Atlantic U	6,428	0	0	1,283	0	31	0	2,118	478	2,333	185
Florida Inst of Tech	1,375	0	0	220	0	0	0	216	243	696	0
Florida International U	17,962	80	0	1,524	485	6,157	31	3,926	1,961	3,319	479
Florida Memorial College	145	0	0	0	0	0	0	0	145	0	0
Florida State University	50,794	0	4,232	1,640	1,513	6,427	237	7,265	2,280	26,699	501
Jacksonville University	56	0	0	0	0	0	0	0	0	56	0
Miami-Dade CC	150	150	0	0	0	0	0	0	0	0	0
Nova Southeastern U	2,597	0	670	0	255	0	0	1,322	0	350	0
Rollins College	46	0	0	0	0	46	0	0	0	0	0
St Thomas University	143	0	0	0	143	0	0	0	0	0	0
University of Central FL	13,688	160	0	4,893	458	1,367	10	650	1,145	3,653	1,352
University of Florida	130,623	19,069	1,152	9,722	2,102	4,550	1,355	61,202	5,227	24,520	1,724
University of Miami	104,657	0	6,588	7,251	1,964	420	890	74,858	4,080	8,359	247
University of North FL	257	0	0	0	100	0	0	0	0	157	0
University of South FL	33,783	105	647	2,370	2,662	74	169	20,045	2,490	3,430	1,791
University of Tampa	37	0	0	0	0	0	0	37	0	0	0
University of West FL	2,871	0	0	1,867	0	0	108	0	726	170	0
Valencia CC	420	0	0	0	0	0	0	0	20	400	0
Georgia, total	386,797	32,324	6,160	55,447	7,667	11,501	4,047	200,350	17,784	48,751	2,766
Agnes Scott College	134	0	0	0	0	0	0	0	0	134	0
Albany State University	1,047	0	0	0	397	0	0	38	100	512	0
Clark Atlanta University	15,063	123	355	3,535	567	373	30	4,468	2,401	3,211	0
Columbus State University	406	0	0	0	400	0	0	0	0	6	0
Emory University	138,297	0	0	1,894	345	548	0	129,778	103	5,629	0
Fort Valley State U	5,349	4,941	0	131	192	50	0	0	0	5	30
Georgia College & State U	2	0	0	0	0	0	0	0	0	0	2
Georgia Inst of Tech	88,607	0	4,327	43,240	64	1,660	3,637	3,989	6,403	25,220	67
Georgia Perimeter College	3	0	0	0	0	0	0	0	0	3	0
Georgia Southern U	897	0	0	0	99	0	0	613	0	185	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other ¹
Georgia, continued:											
Georgia Southwestern St U	133	0	0	0	133	0	0	0	0	0	0
Georgia State University	12,006	0	10	0	1,497	88	89	7,866	159	2,282	15
Inst Paper Sci & Tech	2,842	160	0	0	0	2,682	0	0	0	0	0
Interdenomintnl Theo Ctr	300	0	0	0	0	0	0	300	0	0	0
Kennesaw State University	594	0	0	0	0	0	0	184	0	410	0
Medical Col of Georgia	15,799	0	0	0	0	930	0	14,869	0	0	0
Mercer U	5,267	17	0	4,983	0	0	0	241	16	10	0
Morehouse College	3,809	55	0	341	633	66	0	597	1,848	269	0
Morehouse School of Med	19,589	0	0	0	0	0	0	17,911	1,678	0	0
Morris Brown College	375	0	0	30	229	0	0	116	0	0	0
North GA Col & State U	53	0	0	0	0	53	0	0	0	0	0
Savannah State University	682	0	0	0	0	0	0	411	222	49	0
Spelman College	6,125	0	0	603	0	110	0	802	4,560	50	0
State U of West Georgia	262	0	0	0	174	0	0	0	0	88	0
Thomas Col (Thomsvl)	70	0	0	0	70	0	0	0	0	0	0
University Sys of Georgia	1,170	0	0	0	1,170	0	0	0	0	0	0
University of Georgia	67,125	27,028	1,468	690	1,356	4,742	291	18,111	282	10,505	2,652
Valdosta State University	543	0	0	0	341	0	0	24	12	166	0
Wesleyan College (Macon)	49	0	0	0	0	0	0	32	0	17	0
West Georgia Tech Inst	199	0	0	0	0	199	0	0	0	0	0
Hawaii, total	95,456	11,988	10,624	11,228	2,982	2,846	64	20,065	10,281	19,814	5,564
Chaminade U of Honolulu	153	0	0	0	102	0	0	51	0	0	0
Hawaii Pacific University	130	130	0	0	0	0	0	0	0	0	0
Kapiolani CC	572	0	0	0	0	0	0	572	0	0	0
Maui Community College	25	0	0	0	0	25	0	0	0	0	0
U of Hawaii Hilo	4,159	3,522	625	0	0	0	0	0	0	0	12
U of Hawaii Manoa	82,756	8,299	9,999	11,049	2,880	928	64	19,442	10,281	19,814	0
U of Hawaii System Office	7,661	37	0	179	0	1,893	0	0	0	0	5,552
Idaho, total	30,008	8,894	2,450	1,243	1,787	1,760	724	2,698	713	6,176	3,563
Boise State University	3,574	0	850	360	361	0	90	439	0	1,360	114
College of Southern Idaho	1,600	0	1,600	0	0	0	0	0	0	0	0
Idaho State University	2,164	120	0	0	600	51	0	767	36	527	63
University of Idaho	22,670	8,774	0	883	826	1,709	634	1,492	677	4,289	3,386
Illinois, total	676,939	25,935	3,400	48,093	11,699	24,852	2,759	378,219	13,601	161,012	7,369
Augustana Col (Rock Isld)	210	0	0	0	0	0	0	0	0	210	0
Benedictine University	121	0	0	0	0	0	0	0	0	121	0
Blackburn College	24	0	0	0	0	0	0	0	0	24	0
Bradley University	2,802	0	2,667	0	0	0	0	4	0	131	0
Chicago State University	1,981	0	0	104	150	0	0	1,543	0	184	0
Columbia Col (Chicago)	657	0	0	0	0	0	0	0	0	657	0
DePaul University	3,327	57	0	0	499	0	0	2,512	205	54	0
East West University	259	0	0	0	259	0	0	0	0	0	0
Eastern Illinois U	347	11	0	0	0	0	0	73	0	263	0
Elgin Community College	200	0	0	0	200	0	0	0	0	0	0
Elmhurst College	78	0	0	0	0	0	0	0	0	78	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Illinois, continued:											
Finch U Hlth Sci/Chic Med	4,656	182	0	0	0	0	0	4,433	0	41	0
Governors State U	145	0	0	0	0	0	0	45	0	100	0
Illinois Inst of Tech	8,190	0	50	2,014	501	376	115	4,551	12	526	45
Illinois State University	1,392	89	0	0	0	0	0	168	0	1,067	68
Joliet Junior College	305	0	0	0	0	0	0	0	0	305	0
Knox College	193	0	0	0	0	0	0	0	0	193	0
Lake Forest College	259	0	0	0	0	0	0	0	0	259	0
Loyola U of Chicago	18,343	62	0	48	250	0	0	17,143	0	840	0
Midwestern University	511	0	0	0	0	0	0	511	0	0	0
Millikin University	10	0	0	0	0	0	0	0	0	10	0
Moraine Valley CC	316	0	0	0	0	0	0	0	0	316	0
National Col Chiropractic	157	0	0	0	0	0	0	157	0	0	0
Northeastern Illinois U	68	0	0	0	0	0	0	0	0	68	0
Northern Illinois U	4,397	0	12	374	1,251	90	0	1,122	0	1,537	11
Northwestern University	149,578	0	54	12,707	671	4,810	234	99,407	2,413	26,036	3,246
Rock Valley College	250	0	0	0	0	0	0	0	0	250	0
Rockford College	29	0	0	0	0	0	0	0	0	29	0
Rush University	626	0	0	0	0	0	0	626	0	0	0
Southern IL U	1,362	1,128	0	0	0	224	0	0	0	0	10
Southern IL U Carbondale	6,169	20	0	116	691	262	25	3,910	119	977	49
Southern IL U Edwardsvlle	732	0	0	0	229	0	0	260	0	243	0
St Augustine CC	20	0	0	0	20	0	0	0	0	0	0
St Xavier University	26	0	0	0	0	0	0	26	0	0	0
U of IL Chicago	103,887	160	123	3,116	3,727	2,690	58	75,427	1,108	16,128	1,350
U of IL Univ Admin	13,447	151	277	0	1,471	7,694	977	2,877	0	0	0
U of IL Urbana-Champaign	182,695	23,635	117	26,978	517	4,965	1,142	34,213	5,269	83,269	2,590
University of Chicago	168,594	440	0	2,628	813	3,741	208	129,211	4,457	27,096	0
Western Illinois U	576	0	100	8	450	0	0	0	18	0	0
Indiana, total	245,967	23,438	2,191	14,376	1,341	17,018	1,092	122,647	4,208	57,311	2,345
Ball State University	854	0	0	0	174	0	0	145	0	517	18
DePauw University	96	0	0	0	0	0	0	0	0	96	0
Goshen College	64	0	0	0	0	0	0	0	0	64	0
Indiana State U All Camp	1,116	0	0	0	431	0	0	613	0	72	0
Indiana U	125,172	910	681	525	654	4,824	44	93,507	1,036	22,785	206
Indiana Wesleyan U	48	0	0	0	0	0	0	48	0	0	0
Manchester College	12	0	0	0	0	0	0	0	12	0	0
Natl Cnsrtm Grad Eng Min	470	0	0	0	0	0	470	0	0	0	0
Purdue University	92,527	21,658	1,510	11,029	82	6,473	258	22,640	2,323	24,457	2,097
Rose-Hulman Inst of Tech	96	0	0	0	0	0	0	96	0	0	0
Taylor University	156	0	0	0	0	0	0	0	156	0	0
University of Evansville	18	0	0	0	0	0	0	18	0	0	0
University of Notre Dame	24,961	870	0	2,822	0	5,559	320	5,554	641	9,171	24
Valparaiso University	377	0	0	0	0	162	0	26	40	149	0
Iowa, total	214,975	30,762	2,421	5,120	3,599	5,101	2,915	136,574	6,365	20,294	1,824
Clarke Col (Dubuque)	147	0	0	0	147	0	0	0	0	0	0
Coe College	338	0	0	0	0	0	0	0	0	338	0
Des Moines Area CC	253	0	0	0	253	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Iowa, continued:											
Drake University	374	0	0	0	270	0	0	0	25	79	0
Graceland College	24	0	0	0	0	0	0	24	0	0	0
Grinnell College	117	0	0	0	0	0	0	0	0	117	0
Iowa Ctrl CC All Campuses	76	0	0	0	76	0	0	0	0	0	0
Iowa State University	63,670	30,047	2,209	1,278	488	2,626	335	10,457	1,651	12,890	1,689
Iowa Western CC	52	0	0	0	52	0	0	0	0	0	0
Kirkwood CC	544	0	0	0	124	0	0	400	0	20	0
Loras College	81	0	0	0	0	0	0	61	0	20	0
Maharishi U of Mgmt	2,701	0	0	0	0	0	0	2,701	0	0	0
Palmer Col Chiropractic	786	0	0	0	0	0	0	786	0	0	0
St Ambrose University	113	0	0	0	0	0	0	0	0	113	0
University of Iowa	140,755	435	212	3,842	166	2,403	854	121,558	4,689	6,461	135
University of N Iowa	4,872	280	0	0	2,023	0	1,726	587	0	256	0
Upper Iowa University	72	0	0	0	0	72	0	0	0	0	0
Kansas, total	109,403	15,309	113	4,681	12,685	4,580	2,558	45,225	5,352	18,196	704
Emporia State University	569	0	0	0	403	0	0	0	0	166	0
Fort Hays State U	301	0	0	0	0	0	0	42	40	219	0
Haskell Indian Nations U	244	100	0	69	0	0	75	0	0	0	0
Kansas City Kansas CC	9	0	0	0	0	0	0	0	0	9	0
Kansas State University	36,281	14,909	12	1,818	619	3,883	2,325	4,630	505	6,982	598
Pittsburg St U (Pittsbrg)	232	0	0	0	0	0	0	113	0	119	0
University of Kansas	67,025	300	101	2,566	10,899	572	158	39,041	3,239	10,043	106
Wichita State University	4,742	0	0	228	764	125	0	1,399	1,568	658	0
Kentucky, total	117,801	25,784	187	3,146	4,030	3,715	815	62,742	2,896	13,635	851
Berea College	200	0	0	0	200	0	0	0	0	0	0
Eastern Kentucky U	222	0	92	0	130	0	0	0	0	0	0
Kentucky State University	4,964	4,964	0	0	0	0	0	0	0	0	0
Louisville Technical Inst	300	0	0	300	0	0	0	0	0	0	0
Midway College	60	0	0	0	0	0	0	60	0	0	0
Morehead State University	610	0	0	0	486	0	0	35	0	89	0
Murray State University	924	0	0	25	381	0	0	204	0	314	0
Northern Kentucky U	354	0	0	0	153	0	0	0	0	201	0
Spalding University	473	0	0	0	0	0	0	473	0	0	0
Thomas More College	107	0	0	0	0	0	0	82	0	25	0
U of Kentucky All Cmp	89,913	20,820	0	2,278	2,534	3,442	245	47,664	855	11,272	803
U of Louisville	16,900	0	0	543	0	273	70	14,173	136	1,657	48
Union Col (Barbourvl)	77	0	0	0	0	0	0	0	0	77	0
Western Kentucky U	2,697	0	95	0	146	0	500	51	1,905	0	0
Louisiana, total	193,566	20,640	21,631	29,679	4,189	8,428	6,760	75,877	6,104	16,988	3,270
Centenary College of LA	64	0	0	0	0	0	0	0	0	64	0
Dillard University	43	0	0	0	24	0	0	0	19	0	0
Grambling State U	2,964	0	0	2,107	0	0	0	507	290	0	60
LA St U All Campuses	114,345	15,574	21,055	20,166	1,406	1,579	1,734	38,770	2,137	8,779	3,145
LA St U System Office	824	428	0	102	0	189	0	105	0	0	0
LA U Marine Consortium	724	0	286	438	0	0	0	0	0	0	0
Louisiana Tech (Jeffersn)	42	0	0	0	0	0	0	0	0	42	0
Louisiana Tech University	2,335	281	0	410	185	140	0	0	10	1,309	0
Loyola U New Orleans	517	0	0	0	390	0	0	89	0	38	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Louisiana, continued:											
McNeese State University	1	0	0	0	0	0	0	0	1	0	0
Northwestern St U (Natch)	201	0	0	0	0	0	0	201	0	0	0
Southeast College of Tech	39	0	0	0	0	39	0	0	0	0	0
Southeastern Louisiana U	533	0	0	0	488	30	0	15	0	0	0
Southern U A&M All Cmp	10,795	3,968	18	996	1,275	205	175	1,458	2,625	10	65
Tulane University	40,088	281	0	5,059	123	2,667	0	28,988	389	2,581	0
U of LA at Monroe, The	411	6	0	0	0	0	0	283	0	122	0
U of Louisiana Lafayette	6,977	102	172	0	0	2,968	0	2,993	105	637	0
Xavier U of Louisiana	12,663	0	100	401	298	611	4,851	2,468	528	3,406	0
Maine, total	26,306	8,005	466	3,611	1,557	88	0	3,741	354	6,968	1,516
Bates College	468	0	0	0	0	0	0	0	0	458	10
Bowdoin College	411	0	0	0	0	0	0	0	0	411	0
Central Maine Tech Col	32	0	0	0	0	0	0	32	0	0	0
Colby College	71	0	0	15	0	0	0	0	0	56	0
Husson College	442	0	0	0	0	0	0	442	0	0	0
U of Maine	20,530	8,005	367	3,136	626	88	0	860	354	5,588	1,506
U of Maine Farmington	69	0	0	0	0	0	0	0	0	69	0
U of New England	965	0	0	460	0	0	0	423	0	82	0
U of Southern Maine	3,318	0	99	0	931	0	0	1,984	0	304	0
Maryland, total	1,120,503	13,755	12,548	365,458	8,024	10,498	6,376	470,790	162,288	56,027	14,739
Allegany Col of MD	36	0	0	0	0	0	0	0	0	36	0
Bowie State University	4,335	0	0	0	0	0	0	185	2,549	1,601	0
Capitol College	54	0	0	0	0	0	0	0	54	0	0
Charles County CC	19	0	0	0	0	0	0	0	19	0	0
Cmty Col Baltimore Catons	29	0	0	0	0	0	0	29	0	0	0
Cmty Col Baltimore Essex	272	0	0	0	0	0	0	0	0	272	0
Coppin State College	667	0	0	0	667	0	0	0	0	0	0
Frostburg State U	270	0	6	0	264	0	0	0	0	0	0
Garrett Community College	800	0	800	0	0	0	0	0	0	0	0
Hood College	8	0	0	0	0	0	0	0	0	0	8
Johns Hopkins University	855,678	458	484	344,345	1,305	2,716	2,708	362,246	110,208	19,160	12,048
Loyola College	1,906	0	0	370	0	101	0	0	0	1,435	0
Morgan State University	8,360	0	99	567	0	0	0	3,068	3,452	18	1,156
Prince Georges CC	176	1	0	0	175	0	0	0	0	0	0
Salisbury State U	166	0	0	0	123	0	0	16	0	15	12
Sojourner Douglas College	20	0	0	0	20	0	0	0	0	0	0
St Mary's Col of MD	419	0	0	0	83	0	0	196	0	140	0
Towson University	743	0	0	0	0	0	0	102	0	634	7
U Sys of MD Headquarters	8,602	0	1,514	1,866	5,128	0	0	94	0	0	0
U of Baltimore	431	0	0	35	0	0	0	96	0	0	300
U of MD Baltimore	89,547	0	116	2,399	0	708	1,590	83,666	298	504	266
U of MD Baltimore County	14,343	40	0	1,135	259	0	24	3,622	6,220	3,043	0
U of MD Biotech Inst	3,662	0	2,741	0	0	0	0	0	10	911	0
U of MD College Park	120,785	10,144	5,619	12,794	0	6,973	23	17,114	38,971	28,205	942
U of MD Ctr for Env Sci	3,621	20	1,088	25	0	0	2,031	0	457	0	0
U of MD Eastern Shore	3,368	2,758	81	123	0	0	0	356	50	0	0
U of MD University Col	2,133	334	0	1,799	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Maryland, continued:											
US Naval Academy	43	0	0	0	0	0	0	0	0	43	0
Western Maryland College	10	0	0	0	0	0	0	0	0	10	0
Massachusetts, total	1,047,036	11,058	10,734	126,097	8,769	85,968	8,968	554,182	42,779	187,417	11,064
Amherst College	607	0	0	0	0	0	0	21	0	586	0
Assumption College	1,082	0	0	0	808	0	0	0	0	0	274
Berklee College of Music	173	0	0	0	173	0	0	0	0	0	0
Berkshire CC	300	0	0	0	0	0	0	0	0	300	0
Boston College	13,192	0	0	3,323	797	665	0	3,607	93	2,785	1,922
Boston University	140,797	0	282	12,797	1,687	4,433	27	105,879	4,078	11,584	30
Brandeis University	25,638	0	0	646	0	1,054	0	18,265	790	4,883	0
Bridgewater State College	45	0	0	0	0	0	0	0	0	45	0
Bunker Hill CC	107	0	0	0	0	0	0	0	0	107	0
Cambridge College	25	0	0	0	0	0	0	25	0	0	0
Clark University	2,368	57	0	21	0	280	47	677	267	1,019	0
Col of Our Lady of Elms	5	0	0	0	0	0	0	0	0	5	0
Col of the Holy Cross	119	0	0	0	0	0	45	0	0	74	0
Five Colleges Inc	24	0	0	0	0	0	0	0	24	0	0
Greenfield CC	420	0	0	0	0	0	0	0	0	420	0
Hampshire College	624	0	0	0	0	0	0	0	0	624	0
Harvard University	294,883	604	522	11,646	2,500	6,002	3,948	230,261	6,792	28,202	4,406
Lesley College	15	0	0	0	0	0	0	15	0	0	0
MA Bay Community College	69	0	0	0	0	0	0	0	0	69	0
MA Inst of Technology	276,811	0	2,590	62,795	0	66,288	1,706	70,113	24,743	46,693	1,883
Merrimack College	30	0	0	0	0	0	0	30	0	0	0
Mount Holyoke College	777	0	0	0	0	75	0	0	235	467	0
New Eng Col of Optometry	1,087	0	0	0	0	0	0	1,087	0	0	0
Northeastern University	28,445	0	0	4,823	143	730	0	4,994	2,470	14,910	375
Regis Col (Weston)	169	0	0	0	83	0	0	86	0	0	0
Simmons College	1,198	0	0	0	229	0	0	969	0	0	0
Smith College	1,011	0	0	0	0	0	0	556	25	430	0
Springfield Col (Sprgfld)	292	0	0	0	190	0	0	102	0	0	0
Springfield Tech CC	1,075	0	0	0	0	0	0	0	0	1,075	0
Stonehill College	75	0	0	0	0	0	0	0	0	75	0
Tufts University	53,764	911	1,180	2,507	175	1,345	2,063	39,500	333	4,932	818
U of MA Amherst	55,451	8,496	738	7,924	299	2,829	459	10,817	1,415	22,017	457
U of MA Boston	5,744	0	55	2,004	1,244	335	135	1,573	0	348	50
U of MA Central Office	399	0	0	0	0	0	0	0	0	0	399
U of MA Dartmouth	3,169	749	0	75	0	0	0	227	469	1,649	0
U of MA Lowell	5,015	0	0	967	142	301	22	2,327	0	1,256	0
U of MA Worcester	63,048	0	0	936	125	0	0	61,373	330	284	0
Wellesley College	1,798	236	12	0	0	0	0	877	77	596	0
Wentworth Inst of Tech	406	0	0	406	0	0	0	0	0	0	0
Westfield State College	109	0	0	0	0	0	0	0	0	109	0
Wheaton Col (Norton)	107	0	0	0	0	0	0	107	0	0	0
Wheelock College	274	0	0	0	174	0	0	0	0	100	0
Williams College	1,625	0	50	0	0	0	0	185	25	1,365	0
Woods Hole Ocean Inst	62,481	0	5,305	15,110	0	790	516	408	469	39,433	450
Worcester Polytech Inst	2,183	5	0	117	0	841	0	101	144	975	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Michigan, total	562,483	27,930	5,761	30,378	10,634	20,850	8,896	323,459	10,770	118,243	5,562
Albion College	49	0	0	0	0	0	0	0	0	49	0
Alma College	315	0	0	0	0	0	0	0	0	315	0
Andrews University	106	0	0	0	0	0	0	0	0	106	0
Bay Mills CC	66	66	0	0	0	0	0	0	0	0	0
Calvin College	291	0	0	31	0	0	0	0	0	260	0
Central Michigan U	529	0	0	0	261	0	0	0	0	268	0
Charles Stewart Mott CC	679	0	0	0	178	0	0	0	0	501	0
Cranbrook Acad of Art	259	0	0	0	259	0	0	0	0	0	0
Eastern Michigan U	909	0	0	0	0	0	0	0	0	909	0
Grand Valley State U	399	12	0	0	259	0	0	13	0	115	0
Henry Ford CC	620	0	0	0	0	0	0	0	0	620	0
Hope College	856	0	0	0	0	0	0	99	0	757	0
Kettering University	35	0	0	0	0	0	0	0	35	0	0
Lake Michigan College	572	0	572	0	0	0	0	0	0	0	0
Lawrence Technological U	335	0	0	0	0	0	0	0	0	335	0
Michigan State University	111,950	25,626	326	2,529	999	6,754	1,306	26,775	1,990	44,268	1,377
Michigan Tech University	11,890	1,192	118	437	0	2,723	1,263	207	528	5,123	299
Northern Michigan U	309	0	0	0	251	0	0	30	0	28	0
Oakland University	4,179	0	0	620	392	0	0	2,748	0	419	0
Saginaw Valley State U	657	0	483	0	174	0	0	0	0	0	0
U of Detroit Mercy	670	0	0	0	0	0	0	410	0	260	0
U of Michigan	352,800	1,034	4,262	23,869	6,024	10,218	6,136	236,881	7,984	52,672	3,720
Wayne State University	67,177	0	0	2,872	793	855	0	55,333	183	6,980	161
Western Michigan U	6,831	0	0	20	1,044	300	191	963	50	4,258	5
Minnesota, total	267,724	21,864	2,102	19,243	4,258	8,053	1,699	163,141	5,995	38,686	2,683
Augsburg College	146	0	0	0	0	0	0	0	0	146	0
Bemidji State University	367	9	0	0	358	0	0	0	0	0	0
Carleton College	586	0	0	0	0	0	0	0	0	586	0
Century Cmty & Tech Col	265	0	0	0	265	0	0	0	0	0	0
College of St Benedict	21	0	0	0	0	0	0	0	0	21	0
College of St Catherine	123	0	0	0	123	0	0	0	0	0	0
College of St Scholastica	388	0	0	0	230	0	0	146	0	12	0
Concordia Col Moorhead	5	0	0	0	0	0	0	0	5	0	0
Fond du Lac Tribal & CC	63	63	0	0	0	0	0	0	0	0	0
Hamline University	647	0	0	0	0	0	0	87	0	560	0
Leech Lake Tribal College	67	67	0	0	0	0	0	0	0	0	0
MN State Univ Moorhead	192	0	0	0	154	0	0	0	38	0	0
Macalester College	550	0	0	0	0	0	0	90	0	442	18
Minnesota State U-Mankato	308	0	0	0	113	0	0	120	75	0	0
Pine Technical College	830	0	830	0	0	0	0	0	0	0	0
Saint Mary's U of MN	64	0	0	0	0	0	0	64	0	0	0
Southwest State U	136	0	0	0	136	0	0	0	0	0	0
St Cloud State University	775	0	100	0	497	0	0	0	0	178	0
St Olaf College	467	0	0	0	0	0	0	229	0	238	0
U of Minnesota	261,406	21,725	1,172	19,243	2,267	8,053	1,699	162,249	5,877	36,461	2,660

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Minnesota, continued:											
U of St Thomas (St Paul)	264	0	0	0	115	0	0	107	0	42	0
Winona State University	54	0	0	0	0	0	0	49	0	0	5
Mississippi, total	136,787	35,074	12,956	22,367	4,078	6,195	180	21,330	15,185	18,373	1,049
Alcorn State University	6,741	4,649	0	0	285	50	0	809	374	574	0
Delta State University	138	20	0	0	118	0	0	0	0	0	0
Gulf Coast Ed Intv Cnsrtm	200	0	0	0	0	0	0	0	200	0	0
Hinds CC Raymond	45	0	0	0	45	0	0	0	0	0	0
Jackson State University	12,648	19	0	558	596	0	0	8,371	703	2,401	0
Jones County Junior Col	821	0	0	0	0	0	0	0	0	821	0
Mississippi AL Sea Grant	1,482	0	1,482	0	0	0	0	0	0	0	0
Mississippi College	20	0	0	0	0	0	0	0	0	20	0
Mississippi Gulf Coast CC	20	0	0	0	0	0	0	0	20	0	0
Mississippi Rsch Cnstrm	1,127	0	0	0	0	0	0	0	1,127	0	0
Mississippi State U	66,467	25,793	65	12,636	2,536	5,111	109	339	11,437	8,086	355
Mississippi U for Women	55	0	0	0	0	0	0	55	0	0	0
Mississippi Valley St U	1,213	560	50	0	0	0	0	129	474	0	0
Rust College	226	0	0	50	0	0	0	176	0	0	0
Tougaloo College	1,152	50	0	0	200	0	0	902	0	0	0
U of Mississippi	27,878	3,071	46	7,489	0	437	71	10,349	654	5,081	680
U of Southern Mississippi	16,554	912	11,313	1,634	298	597	0	200	196	1,390	14
Missouri, total	399,909	27,379	1,203	10,302	6,871	4,578	8,868	298,238	8,223	32,343	1,904
Avila College	25	0	0	0	0	0	0	0	0	25	0
Central Missouri St U	30	30	0	0	0	0	0	0	0	0	0
Crowder College	629	0	0	0	629	0	0	0	0	0	0
Drury College	120	0	0	0	120	0	0	0	0	0	0
Fontbonne College	80	80	0	0	0	0	0	0	0	0	0
Harris Stowe State Col	131	0	0	0	131	0	0	0	0	0	0
Kirksville Col Osteo Med	956	0	0	0	0	0	0	956	0	0	0
Lincoln U (Jeffersn City)	5,546	5,200	0	0	0	0	0	346	0	0	0
Missouri Western St Col	100	0	0	0	0	0	0	0	0	100	0
Northwest Missouri St U	387	0	0	0	387	0	0	0	0	0	0
Rockhurst University	1	1	0	0	0	0	0	0	0	0	0
Southeast Missouri St U	405	0	0	0	0	0	0	264	0	141	0
Southwest Missouri St U	748	18	0	129	444	0	0	0	0	157	0
St Louis CC All Cmp	29	0	0	0	0	0	0	0	0	29	0
St Louis University	24,504	0	0	136	360	0	0	23,359	43	372	234
Stephens College	24	0	0	0	0	0	0	24	0	0	0
Truman State University	136	100	6	0	0	0	0	0	0	30	0
U of Missouri Columbia	70,956	20,960	1,030	1,973	3,193	1,195	3,590	24,113	1,523	12,364	1,015
U of Missouri Kansas City	8,054	0	0	548	0	154	0	6,284	0	1,068	0
U of Missouri Rolla	7,145	44	124	1,239	0	456	0	150	739	3,747	646
U of Missouri St Louis	4,869	275	0	300	0	0	0	2,496	31	1,767	0
U of Missouri Sys Admin	1,983	211	0	0	1,607	0	0	165	0	0	0
Washington University	273,051	460	43	5,977	0	2,773	5,278	240,081	5,887	12,543	9

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Montana, total	62,880	12,639	958	2,762	3,673	259	2,095	9,659	10,715	15,372	4,748
Blackfeet CC	74	74	0	0	0	0	0	0	0	0	0
Dull Knife Memorial Col	385	66	0	0	319	0	0	0	0	0	0
Fort Belknap College	1,320	66	0	0	154	0	0	0	0	0	1,100
Fort Peck CC	493	72	0	0	421	0	0	0	0	0	0
Little Big Horn College	267	67	0	0	200	0	0	0	0	0	0
Montana State U Billings	10,371	44	0	0	417	0	0	0	0	9,623	287
Montana State U Bozeman	28,978	10,504	633	1,793	99	48	837	5,986	6,530	0	2,548
Montana State U Northern	400	0	0	0	400	0	0	0	0	0	0
Montana Tech of U of MT	1,072	1	0	0	0	0	566	301	0	204	0
Montana U Sys-Sys Off	2,185	0	0	0	0	0	0	0	0	2,185	0
Salish Kootenai College	1,438	206	0	0	0	0	0	281	151	800	0
Stone Child College	500	69	0	38	393	0	0	0	0	0	0
U of Montana, The	15,082	1,470	325	931	1,070	211	692	3,091	4,034	2,445	813
Western Montana College	315	0	0	0	200	0	0	0	0	115	0
Nebraska, total	79,037	16,631	186	3,209	2,050	939	270	30,998	2,812	18,576	3,366
Chadron State College	34	0	0	0	0	0	0	0	0	0	34
Creighton University	5,103	0	91	0	248	190	0	4,361	96	117	0
Little Priest Tribal Col	62	62	0	0	0	0	0	0	0	0	0
Nebraska Indian CC	66	66	0	0	0	0	0	0	0	0	0
Northeast CC (Norfolk)	1	1	0	0	0	0	0	0	0	0	0
Peru State College	10	0	0	0	0	0	0	0	0	10	0
U of Nebraska Ctrl Admin	2,341	115	0	0	1,802	424	0	0	0	0	0
U of Nebraska Kearney	129	0	0	0	0	0	0	0	0	129	0
U of Nebraska Lincoln	46,928	16,387	95	2,595	0	0	270	4,838	1,720	18,066	2,957
U of Nebraska Med Ctr	22,607	0	0	614	0	0	0	21,799	0	194	0
U of Nebraska Omaha	1,756	0	0	0	0	325	0	0	996	60	375
Nevada, total	47,780	4,648	3,671	2,638	899	13,378	702	10,147	1,214	8,442	2,041
Community Col S Nevada	424	0	0	0	196	0	0	0	0	228	0
Desert Research Institute	5,697	18	0	1,368	0	1,215	0	0	449	1,647	1,000
U & CC Sys of NV SO	15,719	0	3,521	691	0	9,700	40	0	225	1,542	0
U of Nevada Las Vegas	6,007	818	0	500	406	967	662	139	372	1,798	345
U of Nevada Reno	19,933	3,812	150	79	297	1,496	0	10,008	168	3,227	696
New Hampshire, total	104,233	5,080	16,225	3,299	1,125	617	1,464	49,404	10,621	13,432	2,966
Dartmouth College	59,538	324	1,002	2,797	0	80	34	46,537	1,683	7,068	13
NH Cmty Tech Nashua/Clrmt	400	0	400	0	0	0	0	0	0	0	0
Rivier College	12	0	0	0	0	0	0	12	0	0	0
St Anselm College	19	0	0	0	0	0	0	0	19	0	0
U System of NH Sys Off	1,457	0	0	502	955	0	0	0	0	0	0
U of NH Durham	42,761	4,719	14,823	0	170	537	1,430	2,855	8,919	6,355	2,953
U of NH Plymouth St Col	9	0	0	0	0	0	0	0	0	9	0
U of NH at Manchester	37	37	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
New Jersey, total	272,009	11,144	6,742	22,963	4,683	18,482	4,130	124,295	10,048	66,487	3,035
Bergen Community College	185	0	0	0	0	0	0	0	0	185	0
College of N Jersey, The	447	0	0	0	0	0	0	24	0	423	0
Drew University	135	0	0	0	0	0	0	135	0	0	0
Essex County College	104	0	0	104	0	0	0	0	0	0	0
Felician College NJ	24	0	0	0	0	0	0	24	0	0	0
Georgian Court College	47	0	0	0	47	0	0	0	0	0	0
Gloucester County College	47	0	0	0	47	0	0	0	0	0	0
Hudson County CC	300	0	0	0	300	0	0	0	0	0	0
Kean University	414	0	0	0	236	0	0	178	0	0	0
Middlesex County College	648	0	0	0	0	0	0	0	0	648	0
Monmouth University	321	0	0	0	0	0	0	0	0	321	0
Montclair St University	896	0	0	0	0	0	0	142	0	754	0
New Jersey City U	1,405	0	0	0	0	0	0	1,389	0	16	0
New Jersey Inst of Tech	9,845	0	1,800	342	265	57	2,251	0	1,171	3,067	892
Princeton University	84,021	0	1,448	12,561	0	7,904	345	24,695	3,698	33,223	147
Ramapo College of NJ	120	0	0	0	120	0	0	0	0	0	0
Richard Stockton Col NJ	400	0	0	0	0	0	0	0	0	400	0
Rider University	199	0	0	0	0	0	0	119	0	80	0
Rowan University	159	0	0	0	0	0	0	0	0	159	0
Rutgers St U of NJ	93,125	10,944	3,047	8,921	3,035	6,279	387	29,575	3,954	25,421	1,562
Seton Hall University	1,210	0	0	0	384	0	0	816	0	0	10
Stevens Institute of Tech	3,358	0	17	1,028	0	242	0	[illegible]	657	1,315	0
U of Med & Dent of NJ	74,094	200	0	7	249	4,000	1,147	67,099	568	400	424
Union County College	430	0	430	0	0	0	0	0	0	0	0
William Paterson U of NJ	75	0	0	0	0	0	0	0	0	75	0
New Mexico, total	139,445	9,240	1,864	37,398	2,310	6,460	274	40,520	23,816	16,433	1,130
College of Santa Fe	100	0	0	0	0	0	0	0	100	0	0
Eastern NM U	143	100	0	0	0	0	0	0	25	18	0
Inst Ind AK Culture & Art	64	64	0	0	0	0	0	0	0	0	0
Luna Vocation Tech Inst	43	0	0	0	0	43	0	0	0	0	0
New Mexico Highlands U	6,520	0	0	249	100	963	0	991	1,917	2,300	0
New Mexico Inst Mining	5,026	0	0	1,055	0	1,999	25	0	125	1,362	460
New Mexico St U	43,492	8,626	264	11,855	751	715	145	1,637	14,881	4,114	504
Southwestrn Indian Poly	87	87	0	0	0	0	0	0	0	0	0
U of New Mexico	82,470	363	100	24,239	1,459	2,740	104	37,892	6,768	8,639	166
Western New Mexico U	1,500	0	1,500	0	0	0	0	0	0	0	0
New York, total	1,450,921	30,585	15,023	74,600	16,751	64,990	8,857	939,187	36,005	226,336	38,587
Adelphi University	77	0	0	0	0	0	0	77	0	0	0
Albany Col of Pharmacy	729	0	0	0	0	0	0	729	0	0	0
Albany Medical College	8,665	0	0	273	0	0	0	8,216	0	176	0
Alfred University	1,530	0	73	247	405	699	0	0	0	103	3
Bank Street Col of Ed	633	0	0	0	633	0	0	0	0	0	0
Barnard College	1,082	0	0	130	0	0	0	581	0	371	0
CUNY Baruch College	274	0	0	150	0	0	0	74	0	0	50

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other[1]
New York, continued:											
CUNY Bronx CC	681	300	0	0	0	0	0	381	0	0	0
CUNY Brooklyn College	2,689	0	0	486	155	0	0	1,245	0	803	0
CUNY City College	19,052	120	0	484	193	1,189	0	4,626	4,166	8,274	0
CUNY Col Staten Island	898	0	0	190	0	0	0	557	0	151	0
CUNY Graduate Center	4,590	0	0	0	2,654	0	0	1,750	0	186	0
CUNY Herbert H Lehman Col	3,473	238	0	0	0	40	0	1,542	60	1,593	0
CUNY Hostos CC	519	0	0	0	0	7	0	437	75	0	0
CUNY Hunter College	6,059	0	0	209	81	0	0	5,219	0	422	128
CUNY J Jay Col Crim Just	546	0	0	0	0	0	0	546	0	0	0
CUNY Medgar Evers College	132	0	0	0	0	0	0	32	100	0	0
CUNY Mt Sinai Schl of Med	110,186	0	0	4,752	1,266	114	0	102,934	1,120	0	0
CUNY NY City Tech Col	247	0	0	0	0	0	0	247	0	0	0
CUNY Queens College	1,594	0	0	80	0	0	0	1,293	0	221	0
CUNY Queensboro CC	40	0	0	0	0	0	0	0	0	40	0
CUNY System Office	4,632	0	0	958	0	69	0	150	50	1,717	1,688
CUNY York College	2,146	0	0	0	0	0	0	1,796	197	153	0
Central Yeshiva Tomchei	28	0	0	0	0	0	0	0	0	28	0
Clarkson University	3,528	0	0	317	0	502	395	126	467	1,721	0
Colgate University	289	0	0	0	0	0	0	91	0	198	0
College of Mt St Vincent	28	0	0	0	0	0	0	28	0	0	0
College of New Rochelle	33	0	0	0	0	0	0	33	0	0	0
Columbia U Central Off	9,857	0	7,219	630	0	542	0	1,309	0	0	157
Columbia U City New York	286,056	365	0	8,890	0	7,715	264	202,351	11,387	54,984	100
Cooper Union	225	0	0	0	0	0	0	0	0	225	0
Cornell University	233,741	27,801	464	17,193	1,100	4,423	421	110,503	6,675	64,556	605
D'Youville College	45	0	0	0	0	0	0	37	0	8	0
Dowling College	155	0	0	0	122	0	0	0	0	33	0
Fordham University	2,017	0	0	0	0	0	0	1,702	0	315	0
Hamilton College	260	0	0	0	0	0	0	127	0	133	0
Hartwick College	141	0	0	0	0	0	0	0	14	127	0
Hobart & Wm Smith Cols	158	0	0	0	0	0	0	0	0	158	0
Hofstra University	937	0	0	53	500	0	0	0	131	253	0
Iona College	185	0	0	90	0	0	0	0	0	95	0
Ithaca College	1,946	0	0	0	0	0	0	75	0	1,871	0
Long Island University	979	0	200	0	0	0	0	738	0	41	0
Marist College	376	0	0	0	0	0	0	0	0	376	0
Marymount Col (Tarrytown)	32	0	0	0	0	0	0	32	0	0	0
Mercy Col (Dobbs Ferry)	623	0	0	0	0	0	0	623	0	0	0
NY Inst of Tech	436	0	0	184	0	0	0	252	0	0	0
NY Medical College	15,550	0	0	788	0	0	0	14,544	0	218	0
NY University	121,067	0	103	8,178	200	2,668	3,674	95,364	657	10,152	71
Nazareth Col of Rochester	200	0	0	0	200	0	0	0	0	0	0
New School University	806	0	0	0	0	0	0	744	0	62	0
Niagara University	62	0	0	0	0	0	0	29	33	0	0
Pace University	467	100	0	0	0	200	0	167	0	0	0
Paul Smiths Col Arts Sci	83	23	0	0	0	0	0	0	0	60	0
Polytechnic University	4,548	0	44	838	0	157	0	0	223	3,286	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
New York, continued:											
Regents College	17	0	0	0	0	0	0	0	0	17	0
Rensselaer Polytech Inst	19,143	70	156	3,579	0	1,721	549	984	1,700	10,205	179
Rochester Inst Technology	4,672	0	602	1,800	443	0	0	1,158	409	260	0
Rockefeller University	52,982	0	0	1,007	0	1,061	0	50,128	0	786	0
Russell Sage College	92	0	0	0	0	0	0	92	0	0	0
SUNY Cayuga County CC	3,000	0	0	0	0	0	0	0	3,000	0	0
SUNY Col Brockport	142	0	0	0	77	0	30	0	0	35	0
SUNY Col Buffalo	3,319	0	0	689	0	668	0	0	196	0	1,766
SUNY Col Cortland	365	0	0	0	0	0	0	0	0	365	0
SUNY Col Env Sci & Forest	1,606	808	0	0	0	0	0	185	150	463	0
SUNY Col Fredonia	132	0	0	0	0	0	0	0	0	132	0
SUNY Col Geneseo	84	0	0	0	0	28	0	0	0	56	0
SUNY Col Old Westbury	1,740	0	0	0	0	98	0	1,642	0	0	0
SUNY Col Oneonta	99	0	0	0	0	0	0	99	0	0	0
SUNY Col Oswego	879	0	0	0	0	0	0	557	0	322	0
SUNY Col Plattsburgh	496	0	93	0	0	0	0	378	25	0	0
SUNY Col Potsdam	159	0	0	0	0	0	0	0	0	159	0
SUNY Col of Optometry	1,246	0	0	0	0	0	0	1,246	0	0	0
SUNY Hlth Sci Ctr Brklyn	21,956	0	0	0	0	0	0	21,272	0	684	0
SUNY Inst Tech Utica Rome	50	0	0	0	0	0	0	0	0	50	0
SUNY Maritime College	4,504	0	4,504	0	0	0	0	0	0	0	0
SUNY Onondaga CC	201	0	0	0	0	0	0	0	0	201	0
SUNY Purchase Col	147	0	0	0	0	0	0	0	142	5	0
SUNY System Office	5,885	33	0	1,618	3,923	178	0	52	0	81	0
SUNY Upstate Medical Univ	10,799	0	0	0	0	0	0	10,502	0	297	0
SUNY at Albany	21,496	372	80	104	2,500	1,009	364	11,242	693	3,985	1,147
SUNY at Binghamton	12,588	105	1,039	5,156	0	196	23	3,043	49	2,977	0
SUNY at Buffalo	36,682	160	0	948	550	0	0	25,568	159	9,297	0
SUNY at New Paltz	70	0	0	0	0	0	0	35	35	0	0
SUNY at Stony Brook	87,913	90	360	4,228	0	7,814	0	48,557	2,154	24,696	14
Siena College (Loudnvl)	587	0	0	0	0	0	0	0	0	587	0
Skidmore College	65	0	0	0	0	0	0	0	0	65	0
St Bonaventure University	477	0	0	0	477	0	0	0	0	0	0
St John Fisher College	46	0	0	0	0	0	0	6	0	40	0
St Johns University (NY)	1,225	0	0	0	151	0	0	829	0	245	0
St Lawrence University	9	0	0	0	0	0	0	0	0	9	0
Syracuse University	18,038	0	66	4,191	617	639	889	5,838	440	5,164	194
Teachers Col Columbia U	2,749	0	0	0	504	0	0	1,851	0	394	0
US Merchant Marine Acad	32,473	0	0	0	0	0	0	0	0	0	32,473
Union Col (Schenectady)	292	0	9	0	0	0	0	10	118	155	0
University of Rochester	142,939	0	11	4,470	0	33,253	2,248	91,485	1,304	10,156	12
Vassar College	305	0	0	99	0	0	0	0	0	206	0
Wagner College	12	0	0	0	0	0	0	12	0	0	0
Yeshiva University NY	103,908	0	0	1,591	0	0	0	101,109	76	1,132	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
North Carolina, total	662,013	38,178	10,672	41,936	13,893	12,668	11,484	456,301	9,632	57,412	9,837
Appalachian St University	449	2	32	0	348	0	0	0	0	57	10
Barber Scotia College	91	0	0	0	91	0	0	0	0	0	0
Bennett Col (Greensboro)	790	0	0	0	0	0	0	353	0	437	0
Davidson College	142	0	0	0	0	0	0	0	0	142	0
Duke University	224,569	743	665	16,527	900	6,722	576	178,116	1,098	18,795	427
East Carolina University	7,393	100	0	747	611	0	0	5,268	0	667	0
Elizabeth City State U	2,226	0	0	590	260	429	0	91	856	0	0
Elon College	42	0	0	0	42	0	0	0	0	0	0
Fayetteville State U	556	0	0	0	0	28	0	370	158	0	0
Greensboro College	59	0	0	0	59	0	0	0	0	0	0
Johnson C Smith U	922	0	0	0	229	0	0	605	88	0	0
Livingstone College	17	0	0	0	17	0	0	0	0	0	0
Meredith College	50	0	0	0	0	0	0	0	0	50	0
NC Ag & Tech State U	15,156	6,439	0	1,405	159	179	0	330	2,906	3,052	686
NC Central University	2,947	0	0	0	512	0	191	2,227	0	0	17
NC State U	87,947	29,766	5,897	13,451	1,066	3,396	3,638	8,846	3,204	17,236	1,447
NC Wesleyan Col	55	0	0	0	55	0	0	0	0	0	0
Shaw University	148	0	0	0	0	0	148	0	0	0	0
St Augustines College	117	0	0	0	0	0	0	117	0	0	0
U of NC Asheville	196	1	0	0	0	0	0	0	0	195	0
U of NC Chapel Hill	223,840	519	217	7,147	5,266	1,592	6,931	182,504	949	12,306	6,409
U of NC Charlotte	4,320	96	144	1,217	559	0	0	606	68	1,509	121
U of NC General Admin Off	2,538	0	0	0	0	322	0	2,191	0	0	25
U of NC Greensboro	5,169	212	25	43	3,099	0	0	1,066	0	724	0
U of NC Pembroke	177	0	0	0	0	0	0	177	0	0	0
U of NC Wilmington	5,394	0	3,577	248	0	0	0	422	150	997	0
Wake Forest University	74,168	0	0	561	0	0	0	71,929	135	848	695
Wake Technical CC	231	0	0	0	0	0	0	0	0	231	0
Warren Wilson College	90	90	0	0	0	0	0	0	0	0	0
Western Carolina U	1,010	210	115	0	519	0	0	0	0	166	0
Winston Salem State U	1,204	0	0	0	101	0	0	1,083	20	0	0
North Dakota, total	43,901	11,971	431	2,684	1,106	6,781	222	6,100	4,487	8,589	1,530
Bismarck State College	244	0	0	0	0	0	0	0	0	244	0
Cankdeska Cikana CC	173	100	0	0	73	0	0	0	0	0	0
Fort Bethold CC	173	173	0	0	0	0	0	0	0	0	0
Jamestown College	195	0	0	0	0	0	0	145	0	0	50
Mayville State University	341	0	341	0	0	0	0	0	0	0	0
Minot State University	321	0	0	0	314	0	0	0	0	0	7
North Dakota St U	19,393	11,270	90	2,362	0	86	125	1,050	44	2,908	1,458
Sitting Bull College	289	90	0	0	199	0	0	0	0	0	0
Turtle Mountain CC	3,926	80	0	0	117	0	0	50	29	3,650	0
U of North Dakota	18,455	176	0	322	133	6,695	97	4,816	4,414	1,787	15
United Tribes Tech Col	195	82	0	0	113	0	0	0	0	0	0
University of Mary	196	0	0	0	157	0	0	39	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Ohio, total	492,676	22,893	1,842	48,275	10,515	10,851	4,477	316,948	18,748	51,384	6,743
Antioch University	26	0	0	0	0	0	0	0	0	26	0
Ashland University	72	0	0	0	0	0	0	72	0	0	0
Baldwin Wallace College	5	0	0	0	0	0	0	0	0	5	0
Bowling Gr St U	2,837	0	81	178	793	0	0	1,280	134	371	0
Case Western Reserve U	177,286	0	10	4,840	373	1,339	500	158,541	4,559	6,954	170
Central State U (Wlbrfc)	1,023	0	0	968	55	0	0	0	0	0	0
Cleveland State U	3,846	0	100	0	260	0	0	1,331	1,908	247	0
College of Wooster	317	0	0	0	77	0	6	0	31	203	0
Cuyahoga CC	2,562	0	0	0	0	0	0	0	2,562	0	0
Denison University	333	0	0	0	0	50	0	0	59	224	0
Heidelberg College	26	0	0	26	0	0	0	0	0	0	0
Hiram College	39	0	0	0	0	29	0	0	0	10	0
John Carroll University	51	0	0	51	0	0	0	0	0	0	0
Kent State U	8,929	0	0	256	2,241	302	0	1,798	205	4,127	0
Kenyon College	142	0	0	0	0	0	0	0	0	142	0
Marietta College	31	0	0	0	0	0	0	0	0	31	0
Medical College of Ohio	8,735	0	0	0	0	0	0	8,335	0	400	0
Miami University All Cmp	5,334	0	18	10	209	71	1,073	830	0	3,020	103
Muskingum Area Tech Col	272	0	0	0	0	0	0	0	0	272	0
Northeastern OH U Col Med	2,226	0	0	0	0	0	0	1,790	283	153	0
Oberlin College	488	0	0	0	0	0	0	0	0	488	0
Ohio Northern University	16	0	0	0	0	0	0	0	16	0	0
Ohio State U	137,430	22,271	1,434	8,482	3,955	6,317	460	67,807	3,358	18,893	4,453
Ohio University	9,100	42	0	1,097	234	815	0	2,623	374	2,143	1,772
Ohio Wesleyan University	237	0	0	0	0	0	6	0	0	231	0
Otterbein College	55	0	0	0	0	0	0	24	0	31	0
Shawnee State University	200	0	0	0	200	0	0	0	0	0	0
Sinclair Community Col	806	0	0	0	0	0	0	0	0	806	0
Southwstrn OH Cncl Hi Ed	798	0	0	798	0	0	0	0	0	0	0
U of Akron	5,485	175	20	61	259	200	0	906	1,251	2,613	0
U of Cincinnati	72,865	107	0	3,914	189	1,454	690	62,204	444	3,843	20
U of Dayton	26,670	0	179	24,643	591	0	296	173	364	199	225
U of Findlay	1,347	0	0	0	0	0	1,347	0	0	0	0
U of Toledo	6,832	298	0	333	417	74	0	1,558	2,244	1,908	0
Wilberforce University	1,078	0	0	968	0	0	0	0	110	0	0
Wittenberg University	149	0	0	0	0	0	0	0	0	149	0
Wright State U	14,774	0	0	1,600	662	200	99	7,636	846	3,731	0
Xavier U (Cincinnati)	114	0	0	0	0	0	0	40	0	74	0
Youngstown State U	140	0	0	50	0	0	0	0	0	90	0
Oklahoma, total	99,634	20,170	6,052	6,133	2,253	6,053	3,087	30,124	7,908	16,372	1,482
Carl Albert State Col	256	0	0	0	256	0	0	0	0	0	0
East Central University	1,191	0	0	0	697	0	494	0	0	0	0
Eastern Oklahoma St Col	113	113	0	0	0	0	0	0	0	0	0
Langston University	4,014	3,864	0	0	100	50	0	0	0	0	0
Northeastern State U	212	70	0	0	0	0	0	142	0	0	0
Oklahoma St U	35,917	15,971	0	3,759	258	906	283	2,853	6,655	4,924	308

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Oklahoma, continued:											
Rogers University	259	0	0	0	259	0	0	0	0	0	0
Southeastern OK St U	522	0	0	90	256	0	0	176	0	0	0
Southwestern OK St U	25	0	0	0	0	0	0	0	0	25	0
Tulsa Community College	277	0	0	0	277	0	0	0	0	0	0
U of Central Oklahoma	371	7	0	0	0	0	0	0	0	26	338
U of Oklahoma	50,658	80	6,052	2,198	150	3,472	846	26,761	1,253	9,040	806
U of Tulsa	5,819	65	0	86	0	1,625	1,464	192	0	2,357	30
Oregon, total	227,420	18,062	5,608	13,190	12,484	3,642	2,495	120,249	7,103	37,654	6,933
Central Oregon CC	94	0	0	0	0	0	0	94	0	0	0
Chemeketa CC	800	0	0	0	102	0	0	0	0	698	0
Concordia U (Portland OR)	16	0	0	0	0	0	0	0	0	16	0
Eastern Oregon University	366	0	110	0	0	0	0	0	0	256	0
Lewis & Clark College	645	0	0	0	279	0	0	279	0	87	0
Linn Benton Community Col	200	0	0	0	0	0	0	200	0	0	0
Oregon Grad Inst Sci Tech	11,754	0	375	4,162	0	732	209	3,460	0	2,561	255
Oregon Hlth Sciences U	93,860	215	0	489	1,949	0	0	89,766	299	1,142	0
Oregon Institute of Tech	98	0	0	0	0	98	0	0	0	0	0
Oregon State University	75,243	17,693	5,090	6,563	145	1,601	2,018	8,872	6,433	20,605	6,223
Pacific University	28	0	0	0	0	0	0	0	0	28	0
Portland State U (OR)	4,172	24	0	141	1,387	31	234	952	0	1,250	153
Reed College	497	0	0	0	0	0	0	0	0	247	250
Southern Oregon U	441	3	0	0	0	0	0	0	0	438	0
University of Oregon	36,774	114	33	1,835	6,822	1,180	34	16,249	371	10,084	52
Western Oregon University	1,867	0	0	0	1,800	0	0	67	0	0	0
Western States Chiro Col	310	0	0	0	0	0	0	310	0	0	0
Willamette University	255	13	0	0	0	0	0	0	0	242	0
Pennsylvania, total	1,098,534	24,011	1,898	156,814	12,414	21,016	4,093	708,384	24,475	138,644	6,785
Allegheny College	391	0	0	0	0	0	0	98	40	253	0
Beaver College (Glenside)	25	0	0	0	0	0	0	0	0	25	0
Bloomsburg U of PA	34	0	0	0	0	0	0	0	34	0	0
Bryn Mawr College	362	0	0	25	0	0	0	91	0	246	0
Bucknell University	647	0	11	0	0	0	0	0	58	578	0
CC Philadelphia	120	0	0	0	0	0	0	0	0	120	0
California U of PA	4	4	0	0	0	0	0	0	0	0	0
Carlow College	126	0	0	0	0	0	0	126	0	0	0
Carnegie Mellon U	101,532	180	51	35,575	0	3,414	518	12,257	10,380	38,208	949
Cedar Crest College	5	0	0	0	0	0	0	0	0	5	0
Chatham College	77	0	0	0	0	0	0	77	0	0	0
Clarion U of PA	275	0	0	0	0	0	0	0	0	275	0
College Misericordia	47	0	0	0	0	0	0	47	0	0	0
Dickinson College	834	0	0	0	0	0	0	0	0	834	0
Drexel University	11,379	0	30	1,519	0	195	0	2,284	746	6,436	169
Duquesne University	2,169	0	0	0	0	0	92	1,390	0	687	0
Franklin & Marshall Col	330	0	0	0	0	0	0	0	111	219	0
Gannon University	23	0	0	0	0	0	0	23	0	0	0
Gettysburg College	334	0	0	0	0	0	0	0	0	334	0
Gwynedd Mercy College	26	0	0	0	0	0	0	26	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Pennsylvania, continued:											
Harrisburg Area CC	1	1	0	0	0	0	0	0	0	0	0
Haverford College	1,405	0	0	0	0	0	0	0	0	1,405	0
Immaculata College	92	0	0	0	0	0	0	92	0	0	0
Indiana U of PA	1,093	30	0	0	544	0	0	305	0	214	0
Juniata College	241	0	0	0	0	0	0	0	0	241	0
Kutztown U of PA	320	0	10	0	182	0	0	0	0	128	0
La Salle University	179	0	0	0	0	0	0	81	0	98	0
Lackawanna Junior College	12	0	0	0	0	0	0	0	0	12	0
Lafayette College	283	0	0	0	0	0	0	0	0	283	0
Lehigh Carbon CC	200	0	0	0	200	0	0	0	0	0	0
Lehigh University	16,103	0	146	4,789	678	815	0	1,228	15	6,904	1,528
Lincoln U (Linc U PA)	1,017	0	0	600	149	23	0	245	0	0	0
MCP Hahnemann University	23,334	0	0	0	308	0	0	22,877	0	149	0
Manor Junior College	30	0	0	0	0	0	0	30	0	0	0
Mansfield U of PA	500	0	0	0	500	0	0	0	0	0	0
Mercyhurst College	103	0	0	0	103	0	0	0	0	0	0
Messiah College	54	0	0	0	0	0	0	0	0	54	0
Millersville U of PA	180	0	0	0	0	0	0	106	0	74	0
Moravian College	189	0	0	0	110	0	0	0	0	79	0
Muhlenberg College	26	0	0	0	0	0	6	0	0	20	0
PA Col of Optometry	877	0	0	0	359	0	0	518	0	0	0
PA College of Technology	258	0	0	0	0	0	0	0	0	258	0
PA St U University Park	236,146	22,243	1,150	87,917	1,927	5,863	2,363	72,232	10,225	29,517	2,709
Phila Col Osteopathic Med	95	0	0	0	0	0	0	95	0	0	0
Philadelphia University	69	50	0	19	0	0	0	0	0	0	0
Shippensburg U of PA	84	0	0	0	0	0	0	0	0	84	0
Slippery Rock U of PA	67	0	0	0	0	0	0	0	0	67	0
St Francis Col (Loretto)	2,905	0	0	2,905	0	0	0	0	0	0	0
St Joseph's University	92	0	0	0	0	0	0	92	0	0	0
Susquehanna University	34	0	0	0	0	0	0	34	0	0	0
Swarthmore College	1,511	0	0	0	0	109	0	0	0	1,402	0
Temple University	35,457	0	0	1,448	434	316	181	29,264	60	3,474	280
Thomas Jefferson U	64,426	20	0	1,565	872	0	0	61,348	224	397	0
U of Pennsylvania	346,828	1,272	453	10,296	3,093	7,418	200	294,915	1,046	27,826	309
U of Pittsburgh	242,055	211	47	8,619	2,704	2,863	733	207,816	1,473	16,761	828
U of Scranton	1,369	0	0	1,342	0	0	0	27	0	0	0
Univ Sciences in Philadel	104	0	0	0	0	0	0	104	0	0	0
Villanova University	965	0	0	170	0	0	0	404	63	328	0
Washington & Jeffersn Col	238	0	0	0	0	0	0	0	0	238	0
West Chester U of PA	316	0	0	0	155	0	0	0	0	161	0
Widener U All Campuses	141	0	0	0	0	0	0	136	0	5	0
Wilkes University	395	0	0	25	96	0	0	16	0	245	13
Rhode Island, total	80,778	4,544	3,542	8,836	787	2,598	282	30,844	4,179	22,300	2,866
Brown University	48,373	130	94	4,366	0	2,548	213	25,820	2,551	12,571	80
Bryant College	1,500	0	0	1,500	0	0	0	0	0	0	0
Providence College	175	0	0	0	0	0	0	0	0	175	0
Rhode Island College	392	0	0	12	333	0	0	47	0	0	0
U of Rhode Island	30,338	4,414	3,448	2,958	454	50	69	4,977	1,628	9,554	2,786

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Carolina, total	140,886	18,844	10,054	13,950	2,736	10,504	140	56,567	3,936	21,707	2,448
Aiken Technical College	1,500	0	1,500	0	0	0	0	0	0	0	0
Anderson College	39	0	0	0	0	0	0	0	0	39	0
Benedict College	2,227	0	595	136	70	0	0	1,328	98	0	0
Claflin College	259	0	0	0	259	0	0	0	0	0	0
Clemson University	35,372	14,919	0	3,853	559	4,417	112	1,024	1,028	8,417	1,043
Coker College	136	0	0	0	0	0	0	0	0	136	0
College of Charleston	1,504	0	0	12	0	0	0	0	753	739	0
Columbia Col (Columbia)	446	0	0	0	81	0	0	0	0	365	0
Converse College	12	0	0	0	0	0	0	0	0	12	0
Florence-Dringtn Tech Col	1,100	0	1,100	0	0	0	0	0	0	0	0
Francis Marion University	110	0	0	0	110	0	0	0	0	0	0
Furman University	353	3	0	0	0	0	0	61	100	189	0
Greenville Tech College	672	0	0	0	0	25	0	0	0	0	647
Medical U of S Carolina	50,069	0	0	6,183	0	3,992	28	39,140	162	564	0
Morris College	66	0	0	0	66	0	0	0	0	0	0
Newberry College	110	0	0	0	110	0	0	0	0	0	0
Orangebrg Calhoun Tech	77	0	0	0	0	0	0	77	0	0	0
SC Sea Grant Consortium	5,686	0	5,686	0	0	0	0	0	0	0	0
SC State University	5,266	3,660	0	0	199	129	0	163	841	0	274
Spartanburg Technical Col	1,033	0	1,000	0	0	0	0	0	0	33	0
Trident Tech Col	184	0	0	0	184	0	0	0	0	0	0
U of SC All Campuses	34,132	262	173	3,766	855	1,941	0	14,774	864	11,013	484
Voorhees College	138	0	0	0	48	0	0	0	90	0	0
Winthrop University	195	0	0	0	195	0	0	0	0	0	0
York Technical College	200	0	0	0	0	0	0	0	0	200	0
South Dakota, total	19,955	8,633	605	966	998	50	0	2,059	950	4,840	854
Augustana Col (Sioux Fls)	415	0	0	397	0	0	0	0	18	0	0
Black Hills State U	810	0	0	0	414	0	0	0	0	396	0
Cheyenne River CC	65	65	0	0	0	0	0	0	0	0	0
Mount Marty College	18	0	0	0	0	0	0	18	0	0	0
Oglala Lakota College	1,925	189	0	0	24	0	0	0	200	1,512	0
Presentation College	12	0	0	0	0	0	0	12	0	0	0
SD School Mines & Tech	2,312	0	10	98	0	50	0	0	591	1,470	93
SD State University	11,714	8,236	95	471	0	0	0	803	141	1,207	761
Sinte Gleska University	259	79	0	0	180	0	0	0	0	0	0
Sisseton Wahpeton CC	518	64	0	0	42	0	0	412	0	0	0
U of S Dakota	1,407	0	0	0	338	0	0	814	0	255	0
U of S Dakota Sys Off	500	0	500	0	0	0	0	0	0	0	0
Tennessee, total	258,662	24,811	1,724	12,561	7,059	8,013	3,020	166,504	7,074	24,830	3,066
Belmont University	27	0	0	0	0	0	0	27	0	0	0
Cumberland School of Tech	12	12	0	0	0	0	0	0	0	0	0
East Tennessee State U	3,162	90	0	5	105	109	0	2,623	141	89	0
Fisk University	2,512	0	0	148	0	160	0	85	1,856	113	150

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Tennessee, continued:											
Lane College	26	0	0	0	26	0	0	0	0	0	0
Le Moyne Owen College	1,168	0	0	0	101	0	0	67	0	1,000	0
Lee University	10	0	0	0	0	0	0	0	0	10	0
Lincoln Memorial U	1	0	0	0	0	0	0	0	0	0	1
Meharry Medical College	11,471	0	0	1,360	0	0	0	9,996	0	115	0
Middle TN State U	327	0	0	0	0	30	0	0	59	228	10
Nashville State Tech Inst	517	0	0	0	0	0	0	0	0	517	0
North Central Institute	401	0	0	0	0	0	0	0	0	401	0
Shelby State CC	101	0	0	101	0	0	0	0	0	0	0
Tennessee State U	13,327	5,279	0	961	560	60	0	2,449	2,009	2,009	0
Tennessee Technological U	1,951	0	0	0	286	400	0	0	51	449	765
U of Memphis, The	6,571	28	115	155	548	50	145	4,312	115	685	418
U of Tennessee Chtnooga	584	0	0	0	328	0	0	88	0	168	0
U of Tennessee Knoxville	49,691	19,402	106	2,064	0	5,855	2,875	5,922	1,534	10,483	1,450
U of Tennessee U-Wide Adm	3,006	0	1,503	0	1,413	0	0	90	0	0	0
U of Tennessee, Memphis	27,132	0	0	651	171	0	0	26,056	0	4	250
U of the South	77	0	0	0	0	0	0	0	0	77	0
Vanderbilt University	136,588	0	0	7,116	3,521	1,349	0	114,789	1,309	8,482	22
Texas, total	972,851	41,540	11,324	102,943	12,862	23,510	12,404	601,468	48,165	110,797	7,838
Abilene Christian U	229	0	0	0	0	122	0	107	0	0	0
Alamo CC District	355	0	0	0	191	0	0	0	164	0	0
Angelo State University	1,283	0	1,200	0	83	0	0	0	0	0	0
Austin College	28	0	0	0	0	0	0	0	0	28	0
Baylor Col of Medicine	167,954	263	0	3,121	735	296	177	151,281	12,081	0	0
Baylor University	1,272	0	0	0	0	0	0	130	0	1,100	42
College of the Mainland	393	0	0	0	0	0	0	0	0	393	0
Collin Co CC Dist	350	0	0	0	0	0	0	0	0	350	0
El Paso Community College	32	0	0	0	0	0	0	32	0	0	0
Houston Community College	299	0	0	0	0	0	0	0	150	149	0
Jarvis Christian College	156	0	0	0	0	0	0	56	100	0	0
Lamar University	2,972	0	0	0	498	0	2,474	0	0	0	0
Lubbock Christian U	3	3	0	0	0	0	0	0	0	0	0
Midwestern State U	73	0	0	0	0	0	0	0	0	73	0
North Harris Mntgmry CC	90	0	0	0	0	0	0	0	0	90	0
Our Lady of the Lake U	732	0	0	140	328	0	0	0	264	0	0
Paul Quinn College	51	0	0	0	51	0	0	0	0	0	0
Prairie View A&M U	11,922	6,522	60	637	0	814	0	665	2,390	573	261
Rice University	30,292	127	0	4,215	0	2,331	288	5,369	3,209	14,738	15
Sam Houston State U	975	0	0	0	0	0	975	0	0	0	0
South Texas CC	46	0	0	0	46	0	0	0	0	0	0
Southern Methodist U	4,725	0	88	1,126	0	671	0	1,704	172	964	0
Southwest Texas Jr Col	189	89	0	0	0	0	0	0	100	0	0
Southwest Texas St U	3,681	60	0	0	230	0	975	1,795	87	528	6
St Marys U (San Antonio)	386	0	0	0	25	0	0	339	22	0	0
Stephen F Austin St U	890	339	0	0	551	0	0	0	0	0	0
Sul Ross State University	150	150	0	0	0	0	0	0	0	0	0
TX A&M U Sys Hlth Sci Ctr	821	0	0	0	0	0	0	821	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Texas, continued:											
Tarleton State University	400	0	0	0	0	0	400	0	0	0	0
Tarrant Co Col District	675	675	0	0	0	0	0	0	0	0	0
Texas A&M International U	5,624	0	125	119	0	0	0	0	0	0	5,380
Texas A&M U	87,245	31,609	2,843	4,114	1,518	3,473	364	10,723	4,508	27,180	913
Texas A&M U Corpus Chrsti	220	0	0	0	0	0	0	191	0	0	29
Texas A&M U Kingsville	1,465	53	0	0	200	0	0	1,099	113	0	0
Texas A&M U System Office	17,936	321	0	998	0	1,731	57	14,829	0	0	0
Texas A&M U Texarkana	156	0	0	0	156	0	0	0	0	0	0
Texas Christian U	2,661	0	0	22	0	0	0	2,398	85	156	0
Texas Southern U	2,544	0	0	0	594	0	0	1,585	365	0	0
Texas State Tech Col	1,625	6	1,500	0	0	0	0	0	0	119	0
Texas Tech University	15,564	419	2,481	3,767	381	967	0	4,916	199	2,434	0
Texas Wesleyan University	105	0	0	0	0	0	0	105	0	0	0
Texas Womans University	2,259	0	0	0	674	0	0	1,403	0	182	0
Trinity University	452	0	0	0	0	0	0	137	0	315	0
Trinity Valley CC	220	0	0	220	0	0	0	0	0	0	0
U of Dallas	36	0	0	0	0	0	0	0	0	36	0
U of Houston	16,053	0	67	1,181	0	1,043	0	5,707	2,335	5,680	40
U of Houston Clear Lake	6,035	25	0	0	181	0	0	21	5,808	0	0
U of Houston Downtown	331	0	0	16	0	0	0	0	120	195	0
U of Houston Sys Admin	397	0	0	197	200	0	0	0	0	0	0
U of N Texas	8,869	142	50	677	2,177	105	0	4,797	192	729	0
U of TX Arlington	3,548	0	100	458	259	462	160	1,142	0	944	23
U of TX Austin	135,170	484	0	57,321	1,514	10,242	2,250	25,550	9,087	28,149	573
U of TX Brownsville	687	0	0	0	529	0	0	0	158	0	0
U of TX Dallas	4,633	100	150	819	0	327	0	1,252	260	1,650	75
U of TX El Paso	24,303	80	0	972	0	0	4,258	2,627	2,558	13,424	384
U of TX Hlth Sci S Anto	54,756	0	0	2,699	0	0	0	51,043	378	636	0
U of TX Houston Hlth Sci	73,986	0	0	191	0	0	0	68,740	798	4,160	97
U of TX MD Anderson Cancr	85,167	0	0	6,995	0	0	0	77,173	696	303	0
U of TX Med Brnch Galvstn	55,880	0	0	2,377	575	675	0	51,102	657	494	0
U of TX Pan American	1,506	42	100	214	250	0	0	704	196	0	0
U of TX Permian Basin	183	0	100	83	0	0	0	0	0	0	0
U of TX SW Med Ctr Dals	106,689	0	0	3,317	445	0	0	✓ 102,172	520	235	0
U of TX San Antonio	13,915	0	1,520	816	200	0	0	6,196	393	4,790	0
U of TX System Office	8,591	0	0	6,131	0	144	0	2,316	0	0	0
U of TX Tyler	933	0	0	0	0	0	0	933	0	0	0
U of the Incarnate Word	283	0	0	0	12	0	0	271	0	0	0
West Texas A&M U	175	31	0	0	0	107	0	37	0	0	0
Wharton County Junior Col	940	0	940	0	0	0	0	0	0	0	0
Wiley College	285	0	0	0	259	0	26	0	0	0	0
Utah, total	182,410	10,616	734	32,325	5,142	7,191	1,012	90,658	6,620	26,985	1,127
Brigham Young U	8,688	140	4	1,811	0	561	622	1,787	109	3,546	108
Salt Lake CC	1	1	0	0	0	0	0	0	0	0	0
Southern Utah University	27	0	0	0	0	0	0	0	0	0	27
University of Utah	122,236	611	640	6,728	1,012	6,333	212	85,350	1,283	19,591	476
Utah State University	50,923	9,863	0	23,686	3,868	297	168	3,521	5,228	3,776	516

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Utah, continued:											
Utah Valley State College	171	0	0	0	171	0	0	0	0	0	0
Weber State University	201	1	90	100	0	0	10	0	0	0	0
Westminster Col Salt Lake	163	0	0	0	91	0	0	0	0	72	0
Vermont, total	54,024	8,266	746	1,063	2,309	621	140	36,343	718	3,714	104
Middlebury College	743	0	0	0	0	0	0	322	77	344	0
Trinity Col (Burlington)	763	0	0	0	398	0	0	0	0	365	0
University of Vermont	51,772	8,266	300	1,063	1,611	621	140	36,021	641	3,005	104
Vermont Technical College	746	0	446	0	300	0	0	0	0	0	0
Virginia, total	311,110	21,756	2,276	33,646	9,486	13,958	1,825	144,118	26,516	48,470	9,059
Blue Ridge CC (Weyers Cv)	163	0	0	0	0	0	0	0	0	163	0
Col William & Mary All C	9,338	0	1,185	576	732	587	50	217	1,270	4,713	8
Eastern VA Medical Schl	6,000	0	0	0	0	0	0	5,132	40	0	828
George Mason University	14,968	16	176	4,236	600	100	76	1,038	3,433	3,202	2,091
Hampton University	13,397	0	132	2,369	572	839	48	1,771	5,592	2,074	0
J Sargeant Reynolds CC	73	1	0	0	0	0	0	0	0	72	0
James Madison University	1,885	0	0	500	0	0	0	199	160	1,026	0
Longwood College	388	0	0	0	388	0	0	0	0	0	0
Lynchburg College	49	0	0	0	0	0	0	49	0	0	0
Marymount U (Arlington)	57	0	0	0	0	0	0	57	0	0	0
Norfolk State University	3,264	0	0	199	380	83	0	221	1,496	813	72
Northern Virginia CC	1	1	0	0	0	0	0	0	0	0	0
Old Dominion University	13,432	0	86	5,545	0	1,048	0	686	3,597	2,285	185
Radford University	792	0	0	0	120	0	0	324	0	348	0
Randolph Macon College	136	0	0	0	0	0	0	0	0	136	0
Roanoke College	83	0	0	0	0	0	0	0	40	43	0
Southwest Virginia CC	200	0	0	0	200	0	0	0	0	0	0
Sweet Briar College	67	0	0	0	0	0	0	0	0	67	0
U of Richmond	1,145	0	0	0	0	74	0	390	0	681	0
U of Virginia	123,308	11	449	6,690	3,519	2,523	487	86,662	7,038	14,693	1,236
Virginia Commonwealth U	55,261	67	0	1,723	2,680	191	243	43,240	1,231	4,209	1,677
Virginia Military Inst	20	20	0	0	0	0	0	0	0	0	0
Virginia Poly Inst & St U	61,561	17,453	248	11,329	295	8,513	855	3,366	2,619	13,921	2,962
Virginia State University	4,982	4,187	0	479	0	0	0	316	0	0	0
Virginia Union University	516	0	0	0	0	0	66	450	0	0	0
Washington & Lee U	24	0	0	0	0	0	0	0	0	24	0
Washington, total	498,367	20,196	14,684	38,571	7,640	25,474	7,637	306,509	9,531	63,291	4,834
Bellevue CC	1,530	0	0	555	0	0	0	0	0	975	0
Central Washington U	294	0	0	0	0	0	0	0	75	199	20
Eastern Washington U	475	0	0	100	0	0	0	93	0	235	47
Evergreen State College	2,001	0	0	0	1,368	0	0	0	0	633	0
Gonzaga University	150	1	0	0	0	0	0	95	0	54	0
Green River CC	213	0	0	0	0	0	0	0	0	213	0
Heritage College	257	0	0	0	0	0	0	0	257	0	0
Northwest Indian College	474	81	0	0	0	0	0	50	77	266	0
Pacific Lutheran U	57	0	0	0	0	0	0	23	0	34	0
Peninsula College	200	0	0	0	200	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Washington, continued:											
Seattle Pacific U	45	0	0	0	0	0	0	45	0	0	0
Seattle University	208	0	0	0	0	0	0	175	0	33	0
University of Puget Sound	32	0	0	0	0	0	0	0	32	0	0
University of Washington	436,641	4,547	14,522	30,703	4,796	19,502	6,867	292,184	8,356	50,781	4,383
Washington State U	52,336	15,567	162	6,290	339	5,972	770	13,716	677	8,459	384
Western Washington U	2,984	0	0	900	937	0	0	128	0	1,019	0
Whitman College	440	0	0	23	0	0	0	0	57	360	0
Whitworth College	30	0	0	0	0	0	0	0	0	30	0
West Virginia, total	46,444	10,486	826	1,690	945	868	5	11,941	13,282	961	5,440
Concord College	200	0	0	0	200	0	0	0	0	0	0
Fairmont State College	141	10	0	0	0	0	0	0	0	131	0
Marshall U Graduate Col	3,929	10	366	0	0	0	0	1,597	52	75	1,829
Salem Teikyo University	95	0	0	0	0	0	0	69	0	26	0
WV University (Morgantwn)	28,606	10,466	325	1,690	745	868	0	10,275	3,426	0	811
WV University Inst Tech	135	0	135	0	0	0	0	0	0	0	0
West Liberty State Col	390	0	0	0	0	0	0	0	0	390	0
Wheeling Jesuit U	12,948	0	0	0	0	0	5	0	9,804	339	2,800
Wisconsin, total	354,820	23,627	4,531	11,532	10,935	20,813	1,445	212,375	12,847	52,279	4,436
Beloit College	650	0	0	0	0	0	0	0	0	650	0
Col of Menomenee Nation	66	66	0	0	0	0	0	0	0	0	0
Concordia U, Wisconsin	35	0	0	0	0	0	0	35	0	0	0
Edgewood College	29	0	0	29	0	0	0	0	0	0	0
Lac Courte Ojibwa CC	282	182	0	0	0	0	0	0	100	0	0
Lawrence University	282	0	0	0	0	36	0	177	0	69	0
Marquette University	3,320	0	0	186	259	191	286	1,412	115	871	0
Medical Col of Wisconsin	55,149	0	0	0	473	0	555	53,138	261	172	550
Milwaukee Area Tech Col	322	0	0	0	0	0	0	0	0	322	0
Milwaukee School of Eng	126	0	0	0	0	0	0	0	0	126	0
Northland College	15	0	0	0	0	0	0	0	0	0	15
U of WI Colleges	4,895	0	2,037	0	0	1,097	0	294	0	0	1,467
U of WI Eau Claire	361	0	0	0	0	0	0	293	0	68	0
U of WI Green Bay	93	0	0	0	0	0	0	93	0	0	0
U of WI La Crosse	216	0	0	0	0	0	0	100	0	116	0
U of WI Madison	268,376	22,847	1,608	11,145	0	19,447	604	153,339	11,786	45,220	2,380
U of WI Milwaukee	8,494	0	100	45	977	42	0	2,910	522	3,874	24
U of WI Oshkosh	359	0	0	0	108	0	0	45	38	168	0
U of WI Parkside	88	0	0	0	0	0	0	88	0	0	0
U of WI Platteville	12	0	0	0	0	0	0	0	12	0	0
U of WI River Falls	276	32	0	0	244	0	0	0	0	0	0
U of WI Stevens Point	50	41	0	0	0	0	0	9	0	0	0
U of WI Stout	2,067	0	530	0	1,474	0	0	63	0	0	0
U of WI System Office	8,585	459	256	127	7,400	0	0	343	0	0	0
U of WI Whitewater	262	0	0	0	0	0	0	36	13	213	0
Waukesha County Tech Col	200	0	0	0	0	0	0	0	0	200	0
Western WI Tech Col	210	0	0	0	0	0	0	0	0	210	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Wyoming, total	15,789	4,614	0	912	527	1,184	25	1,208	663	5,908	748
University of Wyoming	15,789	4,614	0	912	527	1,184	25	1,208	663	5,908	748
American Samoa, total	1,734	1,709	0	0	0	25	0	0	0	0	0
American Samoa CC	1,734	1,709	0	0	0	25	0	0	0	0	0
Guam, total	3,081	2,148	0	64	196	0	0	468	0	0	205
University of Guam	3,081	2,148	0	64	196	0	0	468	0	0	205
Puerto Rico, total	72,419	13,036	1,443	1,425	2,247	985	0	35,235	4,083	13,794	171
American U Puerto Rico	84	24	0	0	0	0	0	60	0	0	0
Bayamon Central U	233	0	0	0	233	0	0	0	0	0	0
Colegio U Del Este	299	299	0	0	0	0	0	0	0	0	0
Inter Am U PR Ctrl Off	1,716	0	0	0	1,086	0	0	393	0	237	0
Ponce School of Medicine	3,850	0	0	0	0	0	0	3,753	97	0	0
Pont Cath U of PR, The	965	0	0	0	266	0	0	699	0	0	0
U Central Del Caribe	5,820	0	0	0	0	0	0	5,820	0	0	0
U Del Turabo	475	0	0	0	207	0	0	0	268	0	0
U Metropolitana	2,567	26	0	0	0	0	0	109	0	2,432	0
U Politecnica Puerto Rico	1,117	0	1,117	0	0	0	0	0	0	0	0
U of PR Arecibo U Col	81	0	0	0	81	0	0	0	0	0	0
U of PR Cayey U Col	472	0	0	0	180	0	0	292	0	0	0
U of PR Humacao U Col	1,747	0	0	352	0	0	0	1,281	0	114	0
U of PR Mayaguez	19,744	12,687	320	515	0	36	0	905	3,063	2,121	97
U of PR Medical Sci	16,028	0	0	0	0	0	0	16,028	0	0	0
U of PR Rio Piedras	7,800	0	0	0	0	0	0	5,895	655	1,250	0
University of PR System	9,421	0	6	558	194	949	0	0	0	7,640	74
Trust Territory of the Pacific Islands, total	4,006	3,500	40	0	466	0	0	0	0	0	0
Col of Micronesia FSM	2,177	1,851	0	0	326	0	0	0	0	0	0
Northern Marianas College	1,829	1,649	40	0	140	0	0	0	0	0	0
Virgin Islands, total	1,901	1,016	90	0	0	0	0	82	0	645	68
U of the Virgin Islands	1,901	1,016	90	0	0	0	0	82	0	645	68

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

NOTE: The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the fiscal year (FY) 1999 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995-1998 surveys. Any significant differences between AID's data reported for FYs 1995-1999 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-1999 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

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State and institution	Total	USDA	ARC	Com	DoD ¹				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
United States, total	15,569,904	501,379	392	140,532	1,687,512	1,150,494	213,182	323,836	632,537	0	108,163	162,724
Alabama, total	254,544	11,561	0	128	11,662	9,901	1,359	402	4,639	0	1,756	4,326
Alabama A & M University	5,987	2,145	0	0	957	955	0	2	88	0	0	0
Alabama State University	44	0	0	0	0	0	0	0	0	0	0	0
Auburn University	18,926	7,056	0	0	1,241	841	0	400	1,144	0	0	59
Jacksonville State U	35	0	0	0	0	0	0	0	0	0	0	0
Miles College	549	0	0	0	0	0	0	0	0	0	0	0
Oakwood College	570	0	0	0	0	0	0	0	0	0	0	0
Troy State U Main	8	0	0	0	8	8	0	0	0	0	0	0
Tuskegee University	10,253	2,360	0	0	2,485	2,391	94	0	103	0	0	0
U of AL Birmingham, The	171,045	0	0	0	3,173	3,073	100	0	2,683	0	1,756	3
U of AL Huntsville, The	23,791	0	0	0	2,693	1,528	1,165	0	100	0	0	2,316
U of Alabama Sys Off	1,199	0	0	0	514	514	0	0	0	0	0	0
U of Alabama, The	9,930	0	0	46	591	591	0	0	468	0	0	0
U of South Alabama	12,207	0	0	82	0	0	0	0	53	0	0	1,948
Alaska, total	43,031	4,793	0	2,623	660	660	0	0	2,982	0	0	589
Alaska Pacific University	2,970	0	0	161	0	0	0	0	2,804	0	0	0
U of AK Anchorage All Cmp	10,883	275	0	0	0	0	0	0	0	0	0	66
U of AK Fairbanks All Cmp	25,097	3,346	0	0	660	660	0	0	178	0	0	123
U of AK Southeast	560	0	0	113	0	0	0	0	0	0	0	400
U of AK System Higher Ed	3,521	1,172	0	2,349	0	0	0	0	0	0	0	0
Arizona, total	201,404	8,176	0	649	17,212	16,871	196	145	5,565	0	986	4,227
Arizona State U Main	42,501	794	0	0	4,427	4,231	196	0	1,738	0	386	1,530
Dine College	492	0	0	0	100	100	0	0	0	0	0	0
Northern Arizona U	6,065	1,205	0	0	169	169	0	0	0	0	600	597
Prescott College	372	0	0	0	0	0	0	0	0	0	0	0
U & State Col AZ Sys Off	317	0	0	0	0	0	0	0	317	0	0	0
University of Arizona	151,657	6,177	0	649	12,516	12,371	0	145	3,510	0	0	2,100
Arkansas, total	54,085	15,001	0	34	1,695	1,695	0	0	100	0	889	100
Arkansas State U	22	0	0	0	0	0	0	0	0	0	0	0
Hendrix College	20	0	0	0	0	0	0	0	0	0	0	0
U of Arkansas Little Rock	6,671	3,911	0	0	358	358	0	0	100	0	0	0
U of Arkansas Main	18,358	8,804	0	34	703	703	0	0	0	0	889	100
U of Arkansas Med Sci	26,539	0	0	0	634	634	0	0	0	0	0	0
U of Arkansas Monticello	99	99	0	0	0	0	0	0	0	0	0	0
U of Arkansas Pine Bluff	2,278	2,187	0	0	0	0	0	0	0	0	0	0
U of Central Arkansas	98	0	0	0	0	0	0	0	0	0	0	0
California, total	2,247,783	28,075	0	9,147	235,183	203,773	20,091	11,319	89,377	0	13,975	23,552
CA Inst of Technology	143,530	0	0	0	21,616	21,316	300	0	10,734	0	0	1,000
CA Institute of the Arts	560	0	0	560	0	0	0	0	0	0	0	0
CA Schl Prof Psych Ctrl	500	0	0	0	0	0	0	0	0	0	500	0
CA St Poly U Pomona	1,666	0	0	0	771	0	0	771	0	0	0	0
CA St Poly U San Luis	1,322	233	0	0	332	332	0	0	0	0	0	0
CA St U Bakersfield	179	0	0	0	124	124	0	0	0	0	0	0
CA St U Chico	73	0	0	0	0	0	0	0	0	0	0	0
CA St U Dominguez Hills	1,088	0	0	0	0	0	0	0	0	0	0	0
CA St U Fresno	464	149	0	0	0	0	0	0	0	0	0	0
CA St U Fullerton	1,529	0	0	0	25	25	0	0	75	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
United States, total	0	9,070,143	999	82,070	10,737	22,459	9,339	904,976	2,155,491	4,536	4,997	70,918
Alabama, total	0	163,991	0	430	0	165	100	40,386	13,599	0	0	1,801
Alabama A & M University	0	26	0	0	0	0	0	2,771	0	0	0	0
Alabama State University	0	0	0	0	0	0	0	0	44	0	0	0
Auburn University	0	2,890	0	338	0	0	0	3,557	1,920	0	0	721
Jacksonville State U	0	0	0	0	0	0	0	0	35	0	0	0
Miles College	0	0	0	0	0	0	0	0	549	0	0	0
Oakwood College	0	138	0	0	0	0	0	93	339	0	0	0
Troy State U Main	0	0	0	0	0	0	0	0	0	0	0	0
Tuskegee University	0	1,821	0	0	0	0	0	2,690	794	0	0	0
U of AL Birmingham, The	0	146,956	0	0	0	165	100	12,104	4,105	0	0	0
U of AL Huntsville, The	0	272	0	0	0	0	0	17,464	946	0	0	0
U of Alabama Sys Off	0	0	0	0	0	0	0	0	0	0	0	685
U of Alabama, The	0	2,300	0	92	0	0	0	1,671	4,367	0	0	395
U of South Alabama	0	9,588	0	0	0	0	0	36	500	0	0	0
Alaska, total	0	1,073	0	10,849	0	0	0	7,406	12,056	0	0	0
Alaska Pacific University	0	0	0	5	0	0	0	0	0	0	0	0
U of AK Anchorage All Cmp	0	621	0	9,246	0	0	0	0	675	0	0	0
U of AK Fairbanks All Cmp	0	452	0	1,551	0	0	0	7,406	11,381	0	0	0
U of AK Southeast	0	0	0	47	0	0	0	0	0	0	0	0
U of AK System Higher Ed	0	0	0	0	0	0	0	0	0	0	0	0
Arizona, total	0	81,702	0	2,237	0	0	0	29,425	50,810	415	0	0
Arizona State U Main	0	9,982	0	138	0	0	0	3,125	20,381	0	0	0
Dine College	0	196	0	0	0	0	0	196	0	0	0	0
Northern Arizona U	0	1,262	0	510	0	0	0	218	1,504	0	0	0
Prescott College	0	0	0	51	0	0	0	321	0	0	0	0
U & State Col AZ Sys Off	0	0	0	0	0	0	0	0	0	0	0	0
University of Arizona	0	70,262	0	1,538	0	0	0	25,565	28,925	415	0	0
Arkansas, total	0	26,328	0	479	0	58	0	1,076	7,532	0	0	793
Arkansas State U	0	0	0	22	0	0	0	0	0	0	0	0
Hendrix College	0	0	0	0	0	0	0	20	0	0	0	0
U of Arkansas Little Rock	0	543	0	0	0	58	0	939	762	0	0	0
U of Arkansas Main	0	693	0	457	0	0	0	117	5,768	0	0	793
U of Arkansas Med Sci	0	24,903	0	0	0	0	0	0	1,002	0	0	0
U of Arkansas Monticello	0	0	0	0	0	0	0	0	0	0	0	0
U of Arkansas Pine Bluff	0	91	0	0	0	0	0	0	0	0	0	0
U of Central Arkansas	0	98	0	0	0	0	0	0	0	0	0	0
California, total	0	1,276,265	30	9,675	0	334	1,000	207,272	346,524	804	0	6,570
CA Inst of Technology	0	26,101	0	876	0	0	0	31,265	51,938	0	0	0
CA Institute of the Arts	0	0	0	0	0	0	0	0	0	0	0	0
CA Schl Prof Psych Ctrl	0	0	0	0	0	0	0	0	0	0	0	0
CA St Poly U Pomona	0	0	0	0	0	0	0	895	0	0	0	0
CA St Poly U San Luis	0	0	0	0	0	0	0	321	436	0	0	0
CA St U Bakersfield	0	0	0	0	0	0	0	55	0	0	0	0
CA St U Chico	0	0	0	0	0	0	0	0	73	0	0	0
CA St U Dominguez Hills	0	0	0	0	0	0	0	1,088	0	0	0	0
CA St U Fresno	0	90	0	0	0	0	0	185	40	0	0	0
CA St U Fullerton	0	920	0	0	0	0	0	101	408	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

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State and institution	Total	USDA	ARC	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
California, continued:												
CA St U Hayward	30	0	0	0	0	0	0	0	0	0	0	0
CA St U Long Beach	3,321	6	0	0	0	0	0	0	0	0	0	0
CA St U Los Angeles	4,878	151	0	0	149	149	0	0	0	0	118	0
CA St U Monterey Bay	839	0	0	0	0	0	0	0	0	0	0	0
CA St U Northridge	963	0	0	0	353	353	0	0	149	0	180	0
CA St U Sacramento	3,251	0	0	0	0	0	0	0	0	0	0	400
CA St U San Bernardino	474	0	0	0	0	0	0	0	0	0	0	0
CA St U San Marcos	204	0	0	0	0	0	0	0	0	0	0	0
CA St U System Office	1,145	110	0	0	495	495	0	0	0	0	0	0
Canada College	148	0	0	0	0	0	0	0	0	0	0	0
Chapman University	5,948	0	0	0	0	0	0	0	0	0	0	0
Charles Drew U Med & Sci	2,221	0	0	0	1,926	0	1,926	0	0	0	0	0
Claremont Graduate U	382	0	0	0	0	0	0	0	0	0	0	0
Claremont McKenna College	67	0	0	0	0	0	0	0	0	0	0	0
College of Notre Dm Blmt	79	0	0	0	0	0	0	0	0	0	0	0
College of San Mateo	60	0	0	0	0	0	0	0	0	0	0	0
Contra Costa College	545	0	0	0	545	545	0	0	0	0	0	0
Harvey Mudd College	462	0	0	0	0	0	0	0	0	0	0	0
Humboldt State University	1,423	494	0	40	0	0	0	0	68	0	0	0
LA Col of Chiropractic	272	0	0	0	0	0	0	0	0	0	0	0
Loma Linda University	16,578	0	0	0	0	0	0	0	0	0	0	241
Loyola Marymount U	154	0	0	0	0	0	0	0	0	0	0	0
Mills College	133	83	0	0	0	0	0	0	0	0	0	0
Monterey Peninsula Col	45	0	0	0	0	0	0	0	0	0	0	0
Mount St Marys Col LA CA	367	0	0	0	0	0	0	0	0	0	0	0
Natl Hispanic U(Oakland)	319	0	0	0	319	150	0	169	0	0	0	0
Naval Postgraduate Schl	927	15	0	0	0	0	0	0	0	0	0	0
Occidental College	352	0	0	0	0	0	0	0	52	0	0	0
Pepperdine University	30	0	0	0	0	0	0	0	0	0	0	0
Pitzer College	279	0	0	0	0	0	0	0	0	0	0	0
Point Loma Nazarene Col	196	0	0	0	0	0	0	0	0	0	0	0
Pomona College	782	0	0	0	0	0	0	0	0	0	0	0
San Diego State U	17,153	0	0	367	2,561	2,561	0	0	0	0	0	0
San Fran State University	10,364	249	0	631	237	237	0	0	382	0	180	1,840
San Jose State University	10,945	0	0	853	807	625	0	182	120	0	0	0
Santa Clara University	545	0	0	0	50	50	0	0	0	0	0	0
Scripps Rsch Inst, The	124,843	0	0	0	2,974	2,974	0	0	387	0	0	0
Sonoma State University	157	0	0	0	0	0	0	0	0	0	0	0
St Mary's College of CA	71	0	0	0	0	0	0	0	0	0	0	0
Stanford University	321,302	509	0	0	34,609	33,429	1,180	0	10,889	0	2,500	2,048
U of CA Berkeley	189,890	4,273	0	74	26,093	19,210	6,534	349	6,448	0	484	2,306
U of CA Davis	128,368	13,891	0	0	3,908	3,605	303	0	13,753	0	650	2,591
U of CA Irvine	96,580	674	0	26	7,531	7,531	0	0	4,827	0	0	1,363
U of CA Los Angeles	275,245	1,517	0	0	25,303	22,457	2,133	713	20,728	0	3,486	0
U of CA Office of Pres	14,035	62	0	6,155	288	3	285	0	0	0	0	0
U of CA Riverside	24,726	4,898	0	0	1,582	1,277	305	0	1,979	0	0	4,358
U of CA San Diego	296,412	440	0	0	32,150	24,418	1,281	6,451	9,985	0	0	136
U of CA San Francisco	251,924	0	0	0	2,652	450	2,202	0	830	0	750	0
U of CA Santa Barbara	67,072	196	0	50	15,664	15,299	365	0	3,499	0	0	425
U of CA Santa Cruz	26,635	125	0	0	3,426	3,321	0	105	2,401	0	4,273	49

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
California, continued:												
CA St U Hayward	0	0	0	0	0	0	0	0	30	0	0	0
CA St U Long Beach	0	2,493	0	0	0	0	0	335	487	0	0	0
CA St U Los Angeles	0	619	0	0	0	0	0	1,519	2,322	0	0	0
CA St U Monterey Bay	0	0	0	0	0	0	0	753	86	0	0	0
CA St U Northridge	0	0	0	0	0	0	0	241	40	0	0	0
CA St U Sacramento	0	492	0	2,229	0	130	0	0	0	0	0	0
CA St U San Bernardino	0	173	0	0	0	0	0	0	301	0	0	0
CA St U San Marcos	0	0	0	0	0	204	0	0	0	0	0	0
CA St U System Office	0	0	0	0	0	0	0	0	540	0	0	0
Canada College	0	148	0	0	0	0	0	0	0	0	0	0
Chapman University	0	5,948	0	0	0	0	0	0	0	0	0	0
Charles Drew U Med & Sci	0	295	0	0	0	0	0	0	0	0	0	0
Claremont Graduate U	0	382	0	0	0	0	0	0	0	0	0	0
Claremont McKenna College	0	30	0	0	0	0	0	37	0	0	0	0
College of Notre Dm Blmt	0	79	0	0	0	0	0	0	0	0	0	0
College of San Mateo	0	0	0	0	0	0	0	60	0	0	0	0
Contra Costa College	0	0	0	0	0	0	0	0	0	0	0	0
Harvey Mudd College	0	0	0	0	0	0	0	0	462	0	0	0
Humboldt State University	0	0	0	601	0	0	0	0	220	0	0	0
LA Col of Chiropractic	0	272	0	0	0	0	0	0	0	0	0	0
Loma Linda University	0	4,247	0	1	0	0	0	12,000	89	0	0	0
Loyola Marymount U	0	0	0	0	0	0	0	21	133	0	0	0
Mills College	0	0	0	0	0	0	0	0	50	0	0	0
Monterey Peninsula Col	0	0	0	0	0	0	0	0	45	0	0	0
Mount St Marys Col LA CA	0	0	0	0	0	0	0	0	367	0	0	0
Natl Hispanic U(Oakland)	0	0	0	0	0	0	0	0	0	0	0	0
Naval Postgraduate Schl	0	0	0	0	0	0	0	0	912	0	0	0
Occidental College	0	91	0	0	0	0	0	0	209	0	0	0
Pepperdine University	0	0	0	0	0	0	0	0	30	0	0	0
Pitzer College	0	279	0	0	0	0	0	0	0	0	0	0
Point Loma Nazarene Col	0	0	0	0	0	0	0	0	196	0	0	0
Pomona College	0	487	0	0	0	0	0	0	295	0	0	0
San Diego State U	0	10,006	0	212	0	0	0	748	3,259	0	0	0
San Fran State University	0	2,956	0	69	0	0	0	544	3,276	0	0	0
San Jose State University	0	703	0	0	0	0	0	6,277	1,565	0	0	620
Santa Clara University	0	0	0	0	0	0	0	204	291	0	0	0
Scripps Rsch Inst, The	0	118,924	0	0	0	0	0	860	1,698	0	0	0
Sonoma State University	0	0	0	0	0	0	0	152	5	0	0	0
St Mary's College of CA	0	0	0	0	0	0	0	0	71	0	0	0
Stanford University	0	174,164	0	406	0	0	0	57,806	35,136	0	0	3,235
U of CA Berkeley	0	69,604	15	2,576	0	0	0	34,361	42,485	0	0	1,171
U of CA Davis	0	70,232	0	479	0	0	0	2,231	20,633	0	0	0
U of CA Irvine	0	61,615	0	0	0	0	0	5,306	15,238	0	0	0
U of CA Los Angeles	0	190,401	15	15	0	0	0	8,483	25,297	0	0	0
U of CA Office of Pres	0	3,286	0	0	0	0	0	0	3,361	0	0	883
U of CA Riverside	0	6,075	0	45	0	0	0	661	5,128	0	0	0
U of CA San Diego	0	157,498	0	1,089	0	0	0	27,619	67,495	0	0	0
U of CA San Francisco	0	245,156	0	0	0	0	0	922	1,614	0	0	0
U of CA Santa Barbara	0	7,846	0	291	0	0	0	6,620	31,677	804	0	0
U of CA Santa Cruz	0	6,704	0	73	0	0	0	2,157	7,427	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	Total	USDA	ARC	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
California, continued:												
U of Redlands	2,949	0	0	0	0	0	0	0	0	0	0	2,828
U of San Diego	176	0	0	0	0	0	0	0	49	0	0	0
U of San Francisco	45	0	0	0	0	0	0	0	0	0	0	0
U of Southern California	189,883	0	0	391	48,367	42,511	3,277	2,579	2,022	0	854	3,967
U of the Pacific	307	0	0	0	0	0	0	0	0	0	0	0
West Hills CC	326	0	0	0	326	326	0	0	0	0	0	0
Westmont College	45	0	0	0	0	0	0	0	0	0	0	0
Colorado, total	413,899	7,964	0	15,082	20,641	18,020	2,135	486	13,091	0	2,332	8,594
Adams State College	50	0	0	0	0	0	0	0	0	0	0	0
Colorado College	139	0	0	0	0	0	0	0	0	0	0	0
Colorado School of Mines	8,098	60	0	0	821	821	0	0	999	0	0	631
Colorado State University	63,557	7,429	0	1,827	6,250	5,852	398	0	2,866	0	150	1,974
Fort Lewis College	82	0	0	0	0	0	0	0	0	0	0	0
Metro State Col of Denver	12	0	0	0	0	0	0	0	0	0	0	0
Regis University	53	0	0	0	0	0	0	0	0	0	0	0
U Corp for Atmosph Rsch	87,969	13	0	7,860	1,096	1,096	0	0	2,783	0	0	51
U of Colorado	247,063	404	0	5,261	12,338	10,155	1,697	486	6,443	0	2,091	5,938
U of Denver	5,923	58	0	134	136	96	40	0	0	0	91	0
U of Northern Colorado	953	0	0	0	0	0	0	0	0	0	0	0
Connecticut, total	303,805	3,759	0	129	9,085	7,991	1,094	0	10,468	0	1,508	224
Central Connecticut St U	52	0	0	0	0	0	0	0	0	0	0	0
Connecticut College	825	0	0	0	0	0	0	0	0	0	0	0
Fairfield University	170	0	0	0	0	0	0	0	45	0	0	0
Quinnipiac College	92	0	0	0	0	0	0	0	0	0	0	0
Southern Connecticut St U	57	0	0	0	0	0	0	0	0	0	0	0
Trinity Col (Hartford)	106	0	0	0	0	0	0	0	0	0	0	0
U of Connecticut	51,801	3,027	0	112	3,791	3,791	0	0	934	0	1,225	224
U of Hartford	372	0	0	0	0	0	0	0	0	0	0	0
Wesleyan University	4,309	50	0	0	0	0	0	0	0	0	0	0
Yale University	246,021	682	0	17	5,294	4,200	1,094	0	9,489	0	283	0
Delaware, total	40,511	3,793	0	1,060	9,614	8,164	599	851	1,962	0	150	874
Delaware State University	979	597	0	0	266	266	0	0	0	0	0	0
U of Delaware	39,532	3,196	0	1,060	9,348	7,898	599	851	1,962	0	150	874
District of Columbia, total	163,324	549	0	697	27,319	9,839	16,919	561	1,471	0	1,339	1,952
American University	971	56	0	0	23	23	0	0	0	0	0	24
Catholic U of America	6,292	0	0	352	696	696	0	0	0	0	950	0
Cnsrtm Ocean Rsch & Ed	705	0	0	0	631	366	0	265	0	0	0	0
Gallaudet University	48	0	0	0	0	0	0	0	0	0	0	0
George Washington U	40,041	0	0	150	3,099	2,115	688	296	1,011	0	214	1,322
Georgetown University	92,039	44	0	118	21,247	5,336	15,911	0	0	0	0	444
Howard University	22,270	1	0	77	1,623	1,303	320	0	460	0	175	162
University of DC	958	448	0	0	0	0	0	0	0	0	0	0
Florida, total	332,846	12,814	0	5,433	30,682	26,540	1,753	2,389	21,725	0	3,172	2,527
Advanced Technology Inst	542	0	0	0	0	0	0	0	542	0	0	0
Bethune Cookman College	251	0	0	0	0	0	0	0	0	0	0	0
Daytona Beach CC	27	0	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

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State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
California, continued:												
U of Redlands	0	0	0	0	0	0	0	0	121	0	0	0
U of San Diego	0	100	0	0	0	0	0	0	27	0	0	0
U of San Francisco	0	0	0	0	0	0	0	0	45	0	0	0
U of Southern California	0	107,642	0	713	0	0	1,000	3,445	20,821	0	0	661
U of the Pacific	0	207	0	0	0	0	0	0	100	0	0	0
West Hills CC	0	0	0	0	0	0	0	0	0	0	0	0
Westmont College	0	0	0	0	0	0	0	0	45	0	0	0
Colorado, total	0	154,545	0	5,472	0	374	0	68,113	117,430	0	0	261
Adams State College	0	0	0	0	0	0	0	50	0	0	0	0
Colorado College	0	0	0	0	0	0	0	0	139	0	0	0
Colorado School of Mines	0	0	0	362	0	0	0	3,370	1,855	0	0	0
Colorado State University	0	24,164	0	3,553	0	0	0	3,080	12,264	0	0	0
Fort Lewis College	0	0	0	7	0	0	0	0	75	0	0	0
Metro State Col of Denver	0	3	0	0	0	0	0	0	9	0	0	0
Regis University	0	0	0	0	0	0	0	0	53	0	0	0
U Corp for Atmosph Rsch	0	0	0	0	0	0	0	3,720	72,446	0	0	0
U of Colorado	0	127,043	0	1,204	0	374	0	56,908	29,059	0	0	0
U of Denver	0	2,886	0	250	0	0	0	985	1,122	0	0	261
U of Northern Colorado	0	449	0	96	0	0	0	0	408	0	0	0
Connecticut, total	0	249,261	0	404	0	0	0	4,475	24,468	0	0	24
*Central Connecticut St U	0	38	0	0	0	0	0	14	0	0	0	0
Connecticut College	0	101	0	0	0	0	0	0	724	0	0	0
Fairfield University	0	0	0	38	0	0	0	82	5	0	0	0
Quinnipiac College	0	92	0	0	0	0	0	0	0	0	0	0
Southern Connecticut St U	0	57	0	0	0	0	0	0	0	0	0	0
Trinity Col (Hartford)	0	0	0	0	0	0	0	11	95	0	0	0
U of Connecticut	0	34,055	0	190	0	0	0	1,781	6,438	0	0	24
U of Hartford	0	0	0	0	0	0	0	225	147	0	0	0
Wesleyan University	0	1,969	0	21	0	0	0	86	2,183	0	0	0
Yale University	0	212,949	0	155	0	0	0	2,276	14,876	0	0	0
Delaware, total	0	6,384	0	227	0	0	0	3,130	12,779	0	0	538
Delaware State University	0	0	0	0	0	0	0	100	16	0	0	0
U of Delaware	0	6,384	0	227	0	0	0	3,030	12,763	0	0	538
District of Columbia, total	0	103,628	15	89	0	2,555	236	7,165	6,212	0	29	10,068
American University	0	210	15	0	0	55	86	222	280	0	0	0
Catholic U of America	0	859	0	0	0	0	0	2,713	722	0	0	0
Cnsrtm Ocean Rsch & Ed	0	0	0	0	0	0	0	0	74	0	0	0
Gallaudet University	0	48	0	0	0	0	0	0	0	0	0	0
George Washington U	0	26,934	0	12	0	2,500	0	1,982	1,976	0	0	841
Georgetown University	0	59,585	0	0	0	0	0	26	1,348	0	0	9,227
Howard University	0	15,947	0	7	0	0	150	1,927	1,712	0	29	0
University of DC	0	45	0	70	0	0	0	295	100	0	0	0
Florida, total	0	162,365	30	3,696	0	1,420	0	21,481	66,359	80	0	1,062
Advanced Technology Inst	0	0	0	0	0	0	0	0	0	0	0	0
Bethune Cookman College	0	30	0	0	0	0	0	193	28	0	0	0
Daytona Beach CC	0	27	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	Total	USDA	ARC	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
Florida, continued:												
Eckerd College	129	0	0	0	0	0	0	0	0	0	0	0
Edward Waters College	150	0	0	0	0	0	0	0	0	0	0	0
Embry Riddle Aeronautcl U	1,634	0	0	0	0	0	0	0	0	0	0	0
Florida A&M University	12,845	1,475	0	0	690	690	0	0	2,137	0	0	0
Florida Atlantic U	5,060	0	0	0	1,275	1,275	0	0	31	0	0	0
Florida Inst of Tech	1,309	0	0	0	220	220	0	0	0	0	0	0
Florida International U	14,143	80	0	0	1,524	1,474	0	50	6,131	0	0	0
Florida State University	46,332	0	0	2,426	1,635	1,520	115	0	6,427	0	151	237
Nova Southeastern U	1,354	0	0	112	0	0	0	0	0	0	0	0
Rollins College	46	0	0	0	0	0	0	0	46	0	0	0
University of Central FL	12,317	160	0	0	4,893	4,893	0	0	1,367	0	0	10
University of Florida	111,103	10,994	0	969	9,298	9,226	0	72	4,550	0	801	1,270
University of Miami	93,583	0	0	1,318	7,242	6,044	606	592	420	0	866	890
University of North FL	157	0	0	0	0	0	0	0	0	0	0	0
University of South FL	29,101	105	0	608	2,038	1,006	1,032	0	74	0	1,354	120
University of West FL	2,763	0	0	0	1,867	192	0	1,675	0	0	0	0
Georgia, total	310,361	14,809	0	952	38,911	26,264	4,823	7,824	11,451	0	2,056	3,543
Agnes Scott College	134	0	0	0	0	0	0	0	0	0	0	0
Albany State University	512	0	0	0	0	0	0	0	0	0	0	0
Clark Atlanta University	10,065	123	0	0	3,172	2,547	625	0	373	0	0	0
Columbus State University	6	0	0	0	0	0	0	0	0	0	0	0
Emory University	128,478	0	0	0	1,894	1,894	0	0	548	0	345	0
Fort Valley State U	2,761	2,595	0	0	131	131	0	0	0	0	0	0
Georgia College & State U	2	0	0	0	0	0	0	0	0	0	0	0
Georgia Inst of Tech	64,448	0	0	115	27,690	19,978	3,949	3,763	1,660	0	64	3,324
Georgia Perimeter College	3	0	0	0	0	0	0	0	0	0	0	0
Georgia Southern U	698	0	0	0	0	0	0	0	0	0	0	0
Georgia State University	10,422	0	0	0	0	0	0	0	88	0	142	89
Inst Paper Sci & Tech	2,842	160	0	0	0	0	0	0	2,682	0	0	0
Kennesaw State University	184	0	0	0	0	0	0	0	0	0	0	0
Medical Col of Georgia	15,442	0	0	0	0	0	0	0	930	0	0	0
Mercer U	4,649	17	0	0	4,375	65	249	4,061	0	0	0	0
Morehouse College	1,252	55	0	0	326	326	0	0	66	0	0	0
Morehouse School of Med	15,479	0	0	0	0	0	0	0	0	0	0	0
Morris Brown College	146	0	0	0	30	30	0	0	0	0	0	0
North GA Col & State U	53	0	0	0	0	0	0	0	53	0	0	0
Savannah State University	582	0	0	0	0	0	0	0	0	0	0	0
Spelman College	1,931	0	0	0	603	603	0	0	110	0	0	0
State U of West Georgia	55	0	0	0	0	0	0	0	0	0	0	0
University of Georgia	49,705	11,859	0	837	690	690	0	0	4,742	0	1,356	130
Valdosta State University	281	0	0	0	0	0	0	0	0	0	149	0
Wesleyan College (Macon)	32	0	0	0	0	0	0	0	0	0	0	0
West Georgia Tech Inst	199	0	0	0	0	0	0	0	199	0	0	0
Hawaii, total	78,534	9,931	0	4,490	10,986	5,082	836	5,068	2,821	0	968	0
Hawaii Pacific University	130	130	0	0	0	0	0	0	0	0	0	0
U of Hawaii Hilo	3,534	3,522	0	0	0	0	0	0	0	0	0	0
U of Hawaii Manoa	67,365	6,279	0	4,490	10,926	5,022	836	5,068	928	0	968	0
U of Hawaii System Office	7,505	0	0	0	60	60	0	0	1,893	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Florida, continued:												
Eckerd College	0	0	0	120	0	0	0	9	0	0	0	0
Edward Waters College	0	0	0	0	0	0	0	150	0	0	0	0
Embry Riddle Aeronautcl U	0	0	0	0	0	0	0	1,210	424	0	0	0
Florida A&M University	0	2,843	0	0	0	0	0	4,005	1,695	0	0	0
Florida Atlantic U	0	2,009	0	5	0	180	0	478	1,082	0	0	0
Florida Inst of Tech	0	216	0	0	0	0	0	177	696	0	0	0
Florida International U	0	2,736	0	479	0	0	0	664	2,529	0	0	0
Florida State University	0	6,941	0	320	0	162	0	2,170	25,863	0	0	0
Nova Southeastern U	0	892	0	0	0	0	0	0	350	0	0	0
Rollins College	0	0	0	0	0	0	0	0	0	0	0	0
University of Central FL	0	494	0	0	0	1,078	0	755	3,363	0	0	197
University of Florida	0	57,682	30	1,420	0	0	0	4,418	19,411	80	0	180
University of Miami	0	71,215	0	247	0	0	0	4,058	7,327	0	0	0
University of North FL	0	0	0	0	0	0	0	0	157	0	0	0
University of South FL	0	17,280	0	1,105	0	0	0	2,468	3,264	0	0	685
University of West FL	0	0	0	0	0	0	0	726	170	0	0	0
Georgia, total	0	183,636	15	998	1,750	0	0	10,644	41,593	0	0	3
Agnes Scott College	0	0	0	0	0	0	0	0	134	0	0	0
Albany State University	0	0	0	0	0	0	0	0	512	0	0	0
Clark Atlanta University	0	2,085	0	0	0	0	0	2,101	2,211	0	0	0
Columbus State University	0	0	0	0	0	0	0	0	6	0	0	0
Emory University	0	122,281	0	0	0	0	0	103	3,307	0	0	0
Fort Valley State U	0	0	0	30	0	0	0	0	5	0	0	0
Georgia College & State U	0	0	0	2	0	0	0	0	0	0	0	0
Georgia Inst of Tech	0	3,304	0	64	0	0	0	5,608	22,616	0	0	3
Georgia Perimeter College	0	0	0	0	0	0	0	0	3	0	0	0
Georgia Southern U	0	562	0	0	0	0	0	0	136	0	0	0
Georgia State University	0	7,647	15	0	0	0	0	159	2,282	0	0	0
Inst Paper Sci & Tech	0	0	0	0	0	0	0	0	0	0	0	0
Kennesaw State University	0	184	0	0	0	0	0	0	0	0	0	0
Medical Col of Georgia	0	14,512	0	0	0	0	0	0	0	0	0	0
Mercer U	0	241	0	0	0	0	0	16	0	0	0	0
Morehouse College	0	339	0	0	0	0	0	197	269	0	0	0
Morehouse School of Med	0	13,801	0	0	0	0	0	1,678	0	0	0	0
Morris Brown College	0	116	0	0	0	0	0	0	0	0	0	0
North GA Col & State U	0	0	0	0	0	0	0	0	0	0	0	0
Savannah State University	0	411	0	0	0	0	0	122	49	0	0	0
Spelman College	0	802	0	0	0	0	0	366	50	0	0	0
State U of West Georgia	0	0	0	0	0	0	0	0	55	0	0	0
University of Georgia	0	17,319	0	902	1,750	0	0	282	9,838	0	0	0
Valdosta State University	0	0	0	0	0	0	0	12	120	0	0	0
Wesleyan College (Macon)	0	32	0	0	0	0	0	0	0	0	0	0
West Georgia Tech Inst	0	0	0	0	0	0	0	0	0	0	0	0
Hawaii, total	0	18,567	0	3,064	0	0	2,500	5,902	19,305	0	0	0
Hawaii Pacific University	0	0	0	0	0	0	0	0	0	0	0	0
U of Hawaii Hilo	0	0	0	12	0	0	0	0	0	0	0	0
U of Hawaii Manoa	0	18,567	0	0	0	0	0	5,902	19,305	0	0	0
U of Hawaii System Office	0	0	0	3,052	0	0	2,500	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	Total	USDA	ARC	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
Idaho, total	20,658	5,149	0	0	1,243	1,243	0	0	1,760	0	0	694
Boise State University	2,297	0	0	0	360	360	0	0	0	0	0	90
Idaho State University	903	120	0	0	0	0	0	0	51	0	0	0
University of Idaho	17,458	5,029	0	0	883	883	0	0	1,709	0	0	604
Illinois, total	587,218	13,592	0	478	46,512	41,606	3,055	1,851	24,765	0	5,331	2,389
Augustana Col (Rock Isld)	200	0	0	0	0	0	0	0	0	0	0	0
Benedictine University	121	0	0	0	0	0	0	0	0	0	0	0
Chicago State University	1,203	0	0	0	90	90	0	0	0	0	0	0
DePaul University	2,781	57	0	0	0	0	0	0	0	0	0	0
Eastern Illinois U	121	0	0	0	0	0	0	0	0	0	0	0
Elmhurst College	78	0	0	0	0	0	0	0	0	0	0	0
Finch U Hlth Sci/Chic Med	4,540	182	0	0	0	0	0	0	0	0	0	0
Illinois Inst of Tech	5,185	0	0	50	1,901	1,838	0	63	376	0	0	115
Illinois State University	697	0	0	0	0	0	0	0	0	0	0	0
Knox College	193	0	0	0	0	0	0	0	0	0	0	0
Lake Forest College	259	0	0	0	0	0	0	0	0	0	0	0
Loyola U of Chicago	17,760	62	0	0	48	48	0	0	0	0	0	0
Midwestern University	511	0	0	0	0	0	0	0	0	0	0	0
National Col Chiropractic	157	0	0	0	0	0	0	0	0	0	0	0
Northeastern Illinois U	68	0	0	0	0	0	0	0	0	0	0	0
Northern Illinois U	3,092	0	0	8	374	374	0	0	90	0	180	0
Northwestern University	138,580	0	0	54	12,641	12,566	0	75	4,810	0	671	142
Rush University	196	0	0	0	0	0	0	0	0	0	0	0
Southern IL U	1,241	1,007	0	0	0	0	0	0	224	0	0	0
Southern IL U Carbondale	5,240	20	0	0	116	116	0	0	262	0	0	0
Southern IL U Edwardsvlle	336	0	0	0	0	0	0	0	0	0	0	0
U of IL Chicago	91,374	160	0	23	3,007	2,681	326	0	2,603	0	2,991	0
U of IL Univ Admin	11,768	0	0	226	0	0	0	0	7,694	0	180	977
U of IL Urbana-Champaign	145,477	11,664	0	117	25,699	21,257	2,729	1,713	4,965	0	305	1,015
University of Chicago	155,564	440	0	0	2,628	2,628	0	0	3,741	0	554	140
Western illinois U	476	0	0	0	8	8	0	0	0	0	450	0
Indiana, total	208,598	12,273	0	1,407	13,929	13,766	163	0	16,693	0	0	492
Ball State University	250	0	0	0	0	0	0	0	0	0	0	0
DePauw University	53	0	0	0	0	0	0	0	0	0	0	0
Indiana State U All Camp	72	0	0	0	0	0	0	0	0	0	0	0
Indiana U	110,459	910	0	581	515	515	0	0	4,824	0	0	0
Manchester College	12	0	0	0	0	0	0	0	0	0	0	0
Purdue University	73,550	10,493	0	826	10,796	10,721	75	0	6,473	0	0	197
Rose-Hulman Inst of Tech	96	0	0	0	0	0	0	0	0	0	0	0
Taylor University	156	0	0	0	0	0	0	0	0	0	0	0
University of Notre Dame	23,621	870	0	0	2,618	2,530	88	0	5,234	0	0	295
Valparaiso University	329	0	0	0	0	0	0	0	162	0	0	0
Iowa, total	181,286	18,614	0	180	4,750	4,585	0	165	5,058	0	0	2,861
Coe College	222	0	0	0	0	0	0	0	0	0	0	0
Drake University	104	0	0	0	0	0	0	0	0	0	0	0
Grinnell College	42	0	0	0	0	0	0	0	0	0	0	0
Iowa State University	44,964	17,900	0	33	1,091	1,091	0	0	2,605	0	0	309
Kirkwood CC	400	0	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Idaho, total	0	2,509	0	2,877	0	0	0	338	5,497	0	0	591
Boise State University	0	439	0	114	0	0	0	0	1,294	0	0	0
Idaho State University	0	623	0	63	0	0	0	36	10	0	0	0
University of Idaho	0	1,447	0	2,700	0	0	0	302	4,193	0	0	591
Illinois, total	0	347,718	0	1,576	0	2,594	24	12,604	126,587	0	0	3,048
Augustana Col (Rock Isld)	0	0	0	0	0	0	0	0	200	0	0	0
Benedictine University	0	0	0	0	0	0	0	0	121	0	0	0
Chicago State University	0	929	0	0	0	0	0	0	184	0	0	0
DePaul University	0	2,465	0	0	0	0	0	205	54	0	0	0
Eastern Illinois U	0	73	0	0	0	0	0	0	48	0	0	0
Elmhurst College	0	0	0	0	0	0	0	0	78	0	0	0
Finch U Hlth Sci/Chic Med	0	4,317	0	0	0	0	0	0	41	0	0	0
Illinois Inst of Tech	0	2,160	0	45	0	0	0	12	526	0	0	0
Illinois State University	0	150	0	0	0	68	0	0	479	0	0	0
Knox College	0	0	0	0	0	0	0	0	193	0	0	0
Lake Forest College	0	0	0	0	0	0	0	0	259	0	0	0
Loyola U of Chicago	0	16,810	0	0	0	0	0	0	840	0	0	0
Midwestern University	0	511	0	0	0	0	0	0	0	0	0	0
National Col Chiropractic	0	157	0	0	0	0	0	0	0	0	0	0
Northeastern Illinois U	0	0	0	0	0	0	0	0	68	0	0	0
Northern Illinois U	0	992	0	11	0	0	0	0	1,437	0	0	0
Northwestern University	0	94,048	0	0	0	1,176	24	2,237	20,858	0	0	1,919
Rush University	0	196	0	0	0	0	0	0	0	0	0	0
Southern IL U	0	0	0	10	0	0	0	0	0	0	0	0
Southern IL U Carbondale	0	3,749	0	49	0	0	0	119	925	0	0	0
Southern IL U Edwardsvlle	0	193	0	0	0	0	0	0	143	0	0	0
U of IL Chicago	0	66,867	0	0	0	1,350	0	1,064	13,309	0	0	0
U of IL Univ Admin	0	2,691	0	0	0	0	0	0	0	0	0	0
U of IL Urbana-Champaign	0	31,210	0	1,461	0	0	0	4,596	63,316	0	0	1,129
University of Chicago	0	120,200	0	0	0	0	0	4,353	23,508	0	0	0
Western Illinois U	0	0	0	0	0	0	0	18	0	0	0	0
Indiana, total	0	110,340	15	324	0	0	0	3,697	47,466	1,625	0	337
Ball State University	0	137	0	18	0	0	0	0	95	0	0	0
DePauw University	0	0	0	0	0	0	0	0	53	0	0	0
Indiana State U All Camp	0	0	0	0	0	0	0	0	72	0	0	0
Indiana U	0	85,154	0	206	0	0	0	896	17,373	0	0	0
Manchester College	0	0	0	0	0	0	0	12	0	0	0	0
Purdue University	0	19,504	15	76	0	0	0	1,952	21,256	1,625	0	337
Rose-Hulman Inst of Tech	0	96	0	0	0	0	0	0	0	0	0	0
Taylor University	0	0	0	0	0	0	0	156	0	0	0	0
University of Notre Dame	0	5,449	0	24	0	0	0	641	8,490	0	0	0
Valparaiso University	0	0	0	0	0	0	0	40	127	0	0	0
Iowa, total	0	126,488	0	372	0	0	0	5,824	15,687	0	0	1,452
Coe College	0	0	0	0	0	0	0	0	222	0	0	0
Drake University	0	0	0	0	0	0	0	25	79	0	0	0
Grinnell College	0	0	0	0	0	0	0	0	42	0	0	0
Iowa State University	0	10,417	0	343	0	0	0	1,154	9,766	0	0	1,346
Kirkwood CC	0	400	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	Total	USDA	ARC	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
Iowa, continued:												
Loras College	81	0	0	0	0	0	0	0	0	0	0	0
Maharishi U of Mgmt	2,701	0	0	0	0	0	0	0	0	0	0	0
Palmer Col Chiropractic	786	0	0	0	0	0	0	0	0	0	0	0
University of Iowa	129,322	435	0	147	3,659	3,494	0	165	2,381	0	0	826
University of N Iowa	2,592	279	0	0	0	0	0	0	0	0	0	1,726
Upper Iowa University	72	0	0	0	0	0	0	0	72	0	0	0
Kansas, total	85,444	7,783	0	12	4,437	4,262	155	20	4,330	0	4,196	2,558
Emporia State University	120	0	0	0	0	0	0	0	0	0	120	0
Fort Hays State U	259	0	0	0	0	0	0	0	0	0	0	0
Haskell Indian Nations U	144	0	0	0	69	69	0	0	0	0	0	75
Kansas State University	27,119	7,483	0	12	1,786	1,666	100	20	3,633	0	0	2,325
Pittsburg St U (Pittsbrg)	143	0	0	0	0	0	0	0	0	0	0	0
University of Kansas	53,964	300	0	0	2,522	2,467	55	0	572	0	4,076	158
Wichita State University	3,695	0	0	0	60	60	0	0	125	0	0	0
Kentucky, total	91,678	9,625	200	0	2,766	2,766	0	0	3,715	0	559	815
Kentucky State University	2,647	2,647	0	0	0	0	0	0	0	0	0	0
Louisville Technical Inst	300	0	0	0	300	300	0	0	0	0	0	0
Midway College	60	0	0	0	0	0	0	0	0	0	0	0
Morehead State University	35	0	0	0	0	0	0	0	0	0	0	0
Murray State University	434	0	0	0	25	25	0	0	0	0	0	0
Northern Kentucky U	33	0	0	0	0	0	0	0	0	0	0	0
Spalding University	426	0	0	0	0	0	0	0	0	0	0	0
Thomas More College	82	0	0	0	0	0	0	0	0	0	0	0
U of Kentucky All Cmp	70,096	6,978	200	0	1,898	1,898	0	0	3,442	0	559	245
U of Louisville	15,361	0	0	0	543	543	0	0	273	0	0	70
Union Col (Barbourvl)	77	0	0	0	0	0	0	0	0	0	0	0
Western Kentucky U	2,127	0	0	0	0	0	0	0	0	0	0	500
Louisiana, total	149,680	10,657	0	5,866	29,440	21,379	1,893	6,168	8,389	0	348	6,636
Dillard University	19	0	0	0	0	0	0	0	0	0	0	0
Grambling State U	2,575	0	0	0	2,107	2,107	0	0	0	0	0	0
LA St U All Campuses	86,208	7,625	0	5,792	19,942	12,353	1,859	5,730	1,579	0	225	1,678
LA St U System Office	824	428	0	0	102	102	0	0	189	0	0	0
LA U Marine Consortium	494	0	0	56	438	0	0	438	0	0	0	0
Louisiana Tech University	1,161	281	0	0	410	410	0	0	140	0	0	0
Loyola U New Orleans	89	0	0	0	0	0	0	0	0	0	0	0
McNeese State University	1	0	0	0	0	0	0	0	0	0	0	0
Southeastern Louisiana U	30	0	0	0	0	0	0	0	30	0	0	0
Southern U A&M All Cmp	5,652	1,934	0	18	996	996	0	0	205	0	0	175
Tulane University	38,592	281	0	0	5,044	5,010	34	0	2,667	0	123	0
U of LA at Monroe, The	286	6	0	0	0	0	0	0	0	0	0	0
U of Louisiana Lafayette	6,269	102	0	0	0	0	0	0	2,968	0	0	0
Xavier U of Louisiana	7,480	0	0	0	401	401	0	0	611	0	0	4,783
Maine, total	18,411	4,559	0	367	3,611	971	40	2,600	88	0	0	0
Bates College	394	0	0	0	0	0	0	0	0	0	0	0
Bowdoin College	237	0	0	0	0	0	0	0	0	0	0	0
Colby College	71	0	0	0	15	15	0	0	0	0	0	0
U of Maine	14,894	4,559	0	367	3,136	496	40	2,600	88	0	0	0
U of Maine Farmington	69	0	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

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State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Iowa, continued:												
Loras College	0	61	0	0	0	0	0	0	20	0	0	0
Maharishi U of Mgmt	0	2,701	0	0	0	0	0	0	0	0	0	0
Palmer Col Chiropractic	0	786	0	0	0	0	0	0	0	0	0	0
University of Iowa	0	111,536	0	29	0	0	0	4,645	5,558	0	0	106
University of N Iowa	0	587	0	0	0	0	0	0	0	0	0	0
Upper Iowa University	0	0	0	0	0	0	0	0	0	0	0	0
Kansas, total	0	40,918	0	553	0	0	0	5,029	15,477	0	0	151
Emporia State University	0	0	0	0	0	0	0	0	0	0	0	0
Fort Hays State U	0	0	0	0	0	0	0	40	219	0	0	0
Haskell Indian Nations U	0	0	0	0	0	0	0	0	0	0	0	0
Kansas State University	0	4,483	0	447	0	0	0	483	6,316	0	0	151
Pittsburg St U (Pittsbrg)	0	90	0	0	0	0	0	0	53	0	0	0
University of Kansas	0	35,003	0	106	0	0	0	2,938	8,289	0	0	0
Wichita State University	0	1,342	0	0	0	0	0	1,568	600	0	0	0
Kentucky, total	0	58,106	0	382	0	269	0	2,586	12,655	0	0	0
Kentucky State University	0	0	0	0	0	0	0	0	0	0	0	0
Louisville Technical Inst	0	0	0	0	0	0	0	0	0	0	0	0
Midway College	0	60	0	0	0	0	0	0	0	0	0	0
Morehead State University	0	35	0	0	0	0	0	0	0	0	0	0
Murray State University	0	95	0	0	0	0	0	0	314	0	0	0
Northern Kentucky U	0	0	0	0	0	0	0	0	33	0	0	0
Spalding University	0	426	0	0	0	0	0	0	0	0	0	0
Thomas More College	0	82	0	0	0	0	0	0	0	0	0	0
U of Kentucky All Cmp	0	44,652	0	334	0	269	0	823	10,696	0	0	0
U of Louisville	0	12,756	0	48	0	0	0	136	1,535	0	0	0
Union Col (Barbourvl)	0	0	0	0	0	0	0	0	77	0	0	0
Western Kentucky U	0	0	0	0	0	0	0	1,627	0	0	0	0
Louisiana, total	0	69,176	0	3,012	0	257	0	4,519	11,380	0	0	0
Dillard University	0	0	0	0	0	0	0	19	0	0	0	0
Grambling State U	0	118	0	60	0	0	0	290	0	0	0	0
LA St U All Campuses	0	37,457	0	2,887	0	257	0	1,204	7,562	0	0	0
LA St U System Office	0	105	0	0	0	0	0	0	0	0	0	0
LA U Marine Consortium	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana Tech University	0	0	0	0	0	0	0	10	320	0	0	0
Loyola U New Orleans	0	89	0	0	0	0	0	0	0	0	0	0
McNeese State University	0	0	0	0	0	0	0	1	0	0	0	0
Southeastern Louisiana U	0	0	0	0	0	0	0	0	0	0	0	0
Southern U A&M All Cmp	0	125	0	65	0	0	0	2,124	10	0	0	0
Tulane University	0	28,224	0	0	0	0	0	389	1,864	0	0	0
U of LA at Monroe, The	0	201	0	0	0	0	0	0	79	0	0	0
U of Louisiana Lafayette	0	2,457	0	0	0	0	0	105	637	0	0	0
Xavier U of Louisiana	0	400	0	0	0	0	0	377	908	0	0	0
Maine, total	0	2,797	0	916	0	0	0	354	5,119	0	0	600
Bates College	0	0	0	10	0	0	0	0	384	0	0	0
Bowdoin College	0	0	0	0	0	0	0	0	237	0	0	0
Colby College	0	0	0	0	0	0	0	0	56	0	0	0
U of Maine	0	593	0	906	0	0	0	354	4,291	0	0	600
U of Maine Farmington	0	0	0	0	0	0	0	0	69	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

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State and institution	Total	USDA	ARC	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
Maine, continued:												
U of New England	811	0	0	0	460	460	0	0	0	0	0	0
U of Southern Maine	1,935	0	0	0	0	0	0	0	0	0	0	0
Maryland, total	1,004,165	7,648	0	8,839	326,185	85,658	35,798	204,729	9,687	0	811	6,153
Bowie State University	1,337	0	0	0	0	0	0	0	0	0	0	0
Charles County CC	19	0	0	0	0	0	0	0	0	0	0	0
Frostburg State U	6	0	0	6	0	0	0	0	0	0	0	0
Hood College	8	0	0	0	0	0	0	0	0	0	0	0
Johns Hopkins University	777,913	458	0	479	305,405	66,353	34,693	204,359	1,926	0	355	2,542
Loyola College	1,906	0	0	0	370	0	0	370	101	0	0	0
Morgan State University	5,047	0	0	0	567	567	0	0	0	0	0	0
Salisbury State U	27	0	0	0	0	0	0	0	0	0	0	0
St Mary's Col of MD	304	0	0	0	0	0	0	0	0	0	0	0
Towson University	428	0	0	0	0	0	0	0	0	0	0	0
U Sys of MD Headquarters	3,930	0	0	1,514	1,866	1,605	261	0	0	0	456	0
U of Baltimore	431	0	0	0	35	35	0	0	0	0	0	0
U of MD Baltimore	83,504	0	0	25	2,207	1,777	430	0	708	0	0	1,590
U of MD Baltimore County	12,201	40	0	0	1,122	826	296	0	0	0	0	24
U of MD Biotech Inst	2,292	0	0	1,371	0	0	0	0	0	0	0	0
U of MD College Park	108,013	5,480	0	4,766	12,784	12,666	118	0	6,952	0	0	1
U of MD Ctr for Env Sci	3,176	20	0	678	25	25	0	0	0	0	0	1,996
U of MD Eastern Shore	1,561	1,322	0	0	123	123	0	0	0	0	0	0
U of MD University Col	2,009	328	0	0	1,681	1,681	0	0	0	0	0	0
US Naval Academy	43	0	0	0	0	0	0	0	0	0	0	0
Western Maryland College	10	0	0	0	0	0	0	0	0	0	0	0
Massachusetts, total	937,608	6,744	0	6,789	124,527	107,000	13,746	3,781	78,812	0	4,368	8,557
Amherst College	586	0	0	0	0	0	0	0	0	0	0	0
Assumption College	167	0	0	0	0	0	0	0	0	0	0	0
Boston College	11,379	0	0	0	3,323	2,950	373	0	665	0	0	0
Boston University	131,153	0	0	192	12,731	10,527	2,199	5	3,518	0	1,241	0
Brandeis University	20,943	0	0	0	646	498	0	148	1,054	0	0	0
Bridgewater State College	45	0	0	0	0	0	0	0	0	0	0	0
Clark University	2,156	57	0	0	21	21	0	0	280	0	0	40
Col of Our Lady of Elms	5	0	0	0	0	0	0	0	0	0	0	0
Col of the Holy Cross	119	0	0	0	0	0	0	0	0	0	0	45
Five Colleges Inc	24	0	0	0	0	0	0	0	0	0	0	0
Hampshire College	384	0	0	0	0	0	0	0	0	0	0	0
Harvard University	265,597	604	0	385	11,639	11,076	563	0	6,002	0	2,500	3,879
Lesley College	15	0	0	0	0	0	0	0	0	0	0	0
MA Inst of Technology	253,249	0	0	1,458	62,363	54,914	4,443	3,006	60,047	0	0	1,599
Merrimack College	30	0	0	0	0	0	0	0	0	0	0	0
Mount Holyoke College	443	0	0	0	0	0	0	0	75	0	0	0
New Eng Col of Optometry	1,061	0	0	0	0	0	0	0	0	0	0	0
Northeastern University	19,740	0	0	0	4,823	4,073	750	0	730	0	143	0
Simmons College	703	0	0	0	0	0	0	0	0	0	0	0
Smith College	1,011	0	0	0	0	0	0	0	0	0	0	0
Springfield Col (Sprgfld)	102	0	0	0	0	0	0	0	0	0	0	0
Stonehill College	75	0	0	0	0	0	0	0	0	0	0	0
Tufts University	46,754	911	0	619	2,397	2,397	0	0	1,345	0	0	1,915

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

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State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Maine, continued:												
U of New England	0	269	0	0	0	0	0	0	82	0	0	0
U of Southern Maine	0	1,935	0	0	0	0	0	0	0	0	0	0
Maryland, total	0	432,305	0	363	3,931	631	300	155,974	49,105	375	0	1,858
Bowie State University	0	185	0	0	0	0	0	501	651	0	0	0
Charles County CC	0	0	0	0	0	0	0	19	0	0	0	0
Frostburg State U	0	0	0	0	0	0	0	0	0	0	0	0
Hood College	0	0	0	8	0	0	0	0	0	0	0	0
Johns Hopkins University	0	335,710	0	0	3,931	567	0	109,639	16,351	0	0	550
Loyola College	0	0	0	0	0	0	0	0	1,435	0	0	0
Morgan State University	0	1,525	0	0	0	0	0	1,895	18	0	0	1,042
Salisbury State U	0	0	0	12	0	0	0	0	15	0	0	0
St Mary's Col of MD	0	196	0	0	0	0	0	0	108	0	0	0
Towson University	0	102	0	7	0	0	0	0	319	0	0	0
U Sys of MD Headquarters	0	94	0	0	0	0	0	0	0	0	0	0
U of Baltimore	0	96	0	0	0	0	300	0	0	0	0	0
U of MD Baltimore	0	77,906	0	0	0	0	0	298	504	0	0	266
U of MD Baltimore County	0	2,337	0	0	0	0	0	5,798	2,880	0	0	0
U of MD Biotech Inst	0	0	0	0	0	0	0	10	911	0	0	0
U of MD College Park	0	14,038	0	336	0	64	0	37,357	25,860	375	0	0
U of MD Ctr for Env Sci	0	0	0	0	0	0	0	457	0	0	0	0
U of MD Eastern Shore	0	116	0	0	0	0	0	0	0	0	0	0
U of MD University Col	0	0	0	0	0	0	0	0	0	0	0	0
US Naval Academy	0	0	0	0	0	0	0	0	43	0	0	0
Western Maryland College	0	0	0	0	0	0	0	0	10	0	0	0
Massachusetts, total	0	506,207	50	1,401	1,728	2,543	360	40,412	151,116	0	1,741	2,253
Amherst College	0	0	0	0	0	0	0	0	586	0	0	0
Assumption College	0	0	0	0	0	0	0	0	0	0	0	167
Boston College	0	3,218	0	181	0	0	0	93	2,158	0	1,741	0
Boston University	0	100,037	0	30	0	0	0	4,022	9,382	0	0	0
Brandeis University	0	15,551	0	0	0	0	0	790	2,902	0	0	0
Bridgewater State College	0	0	0	0	0	0	0	0	45	0	0	0
Clark University	0	677	0	0	0	0	0	113	968	0	0	0
Col of Our Lady of Elms	0	0	0	0	0	0	0	0	5	0	0	0
Col of the Holy Cross	0	0	0	0	0	0	0	0	74	0	0	0
Five Colleges Inc	0	0	0	0	0	0	0	24	0	0	0	0
Hampshire College	0	0	0	0	0	0	0	0	384	0	0	0
Harvard University	0	206,740	0	135	1,728	2,543	0	6,682	22,760	0	0	0
Lesley College	0	15	0	0	0	0	0	0	0	0	0	0
MA Inst of Technology	0	62,335	0	180	0	0	0	22,894	40,718	0	0	1,655
Merrimack College	0	30	0	0	0	0	0	0	0	0	0	0
Mount Holyoke College	0	0	0	0	0	0	0	117	251	0	0	0
New Eng Col of Optometry	0	1,061	0	0	0	0	0	0	0	0	0	0
Northeastern University	0	4,698	0	0	0	0	360	2,470	6,516	0	0	0
Simmons College	0	703	0	0	0	0	0	0	0	0	0	0
Smith College	0	556	0	0	0	0	0	25	430	0	0	0
Springfield Col (Sprgfld)	0	102	0	0	0	0	0	0	0	0	0	0
Stonehill College	0	0	0	0	0	0	0	0	75	0	0	0
Tufts University	0	36,250	0	0	0	0	0	312	3,005	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

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State and institution	Total	USDA	ARC	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
Massachusetts, continued:												
U of MA Amherst	45,094	4,182	0	589	7,632	3,960	3,672	0	2,829	0	0	428
U of MA Boston	4,494	0	0	0	2,004	2,004	0	0	335	0	359	135
U of MA Central Office	399	0	0	0	0	0	0	0	0	0	0	0
U of MA Dartmouth	2,156	749	0	0	75	75	0	0	0	0	0	0
U of MA Lowell	4,677	0	0	0	967	753	0	214	301	0	0	0
U of MA Worcester	60,675	0	0	0	936	696	0	240	0	0	125	0
Wellesley College	1,483	236	0	12	0	0	0	0	0	0	0	0
Wentworth Inst of Tech	406	0	0	0	406	0	406	0	0	0	0	0
Westfield State College	109	0	0	0	0	0	0	0	0	0	0	0
Wheaton Col (Norton)	107	0	0	0	0	0	0	0	0	0	0	0
Williams College	1,579	0	0	50	0	0	0	0	0	0	0	0
Woods Hole Ocean Inst	58,737	0	0	3,484	14,447	12,939	1,340	168	790	0	0	516
Worcester Polytech Inst	1,951	5	0	0	117	117	0	0	841	0	0	0
Michigan, total	488,770	16,177	0	1,926	29,746	23,244	6,024	478	20,455	0	7,269	8,264
Albion College	18	0	0	0	0	0	0	0	0	0	0	0
Alma College	315	0	0	0	0	0	0	0	0	0	0	0
Andrews University	106	0	0	0	0	0	0	0	0	0	0	0
Calvin College	216	0	0	0	31	31	0	0	0	0	0	0
Central Michigan U	75	0	0	0	0	0	0	0	0	0	0	0
Eastern Michigan U	711	0	0	0	0	0	0	0	0	0	0	0
Grand Valley State U	89	12	0	0	0	0	0	0	0	0	0	0
Hope College	804	0	0	0	0	0	0	0	0	0	0	0
Kettering University	35	0	0	0	0	0	0	0	0	0	0	0
Lawrence Technological U	335	0	0	0	0	0	0	0	0	0	0	0
Michigan State University	91,923	13,939	0	226	2,529	2,529	0	0	6,554	0	530	1,216
Michigan Tech University	10,517	1,192	0	78	437	437	0	0	2,723	0	0	1,240
Northern Michigan U	28	0	0	0	0	0	0	0	0	0	0	0
Oakland University	3,750	0	0	0	620	500	0	120	0	0	0	0
Saginaw Valley State U	319	0	0	319	0	0	0	0	0	0	0	0
U of Detroit Mercy	256	0	0	0	0	0	0	0	0	0	0	0
U of Michigan	315,939	1,034	0	1,303	23,303	18,599	4,346	358	10,023	0	6,024	5,617
Wayne State University	60,993	0	0	0	2,806	1,128	1,678	0	855	0	495	0
Western Michigan U	2,341	0	0	0	20	20	0	0	300	0	220	191
Minnesota, total	231,338	9,959	0	596	19,243	17,231	2,012	0	8,053	0	1,508	1,584
Augsburg College	146	0	0	0	0	0	0	0	0	0	0	0
Bemidji State University	9	9	0	0	0	0	0	0	0	0	0	0
Carleton College	431	0	0	0	0	0	0	0	0	0	0	0
College of St Scholastica	103	0	0	0	0	0	0	0	0	0	0	0
Concordia Col Moorhead	5	0	0	0	0	0	0	0	0	0	0	0
Hamline University	647	0	0	0	0	0	0	0	0	0	0	0
MN State Univ Moorhead	38	0	0	0	0	0	0	0	0	0	0	0
Macalester College	481	0	0	0	0	0	0	0	0	0	0	0
Minnesota State U-Mankato	159	0	0	0	0	0	0	0	0	0	0	0
St Cloud State University	80	0	0	0	0	0	0	0	0	0	0	0
St Olaf College	447	0	0	0	0	0	0	0	0	0	0	0
U of Minnesota	228,680	9,950	0	596	19,243	17,231	2,012	0	8,053	0	1,508	1,584
U of St Thomas (St Paul)	107	0	0	0	0	0	0	0	0	0	0	0
Winona State University	5	0	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Massachusetts, continued:												
U of MA Amherst	0	9,966	0	425	0	0	0	1,393	17,618	0	0	32
U of MA Boston	0	1,316	50	0	0	0	0	0	295	0	0	0
U of MA Central Office	0	0	0	0	0	0	0	0	0	0	0	399
U of MA Dartmouth	0	227	0	0	0	0	0	469	636	0	0	0
U of MA Lowell	0	2,153	0	0	0	0	0	0	1,256	0	0	0
U of MA Worcester	0	59,000	0	0	0	0	0	330	284	0	0	0
Wellesley College	0	839	0	0	0	0	0	77	319	0	0	0
Wentworth Inst of Tech	0	0	0	0	0	0	0	0	0	0	0	0
Westfield State College	0	0	0	0	0	0	0	0	109	0	0	0
Wheaton Col (Norton)	0	107	0	0	0	0	0	0	0	0	0	0
Williams College	0	185	0	0	0	0	0	25	1,319	0	0	0
Woods Hole Ocean Inst	0	340	0	450	0	0	0	447	38,263	0	0	0
Worcester Polytech Inst	0	101	0	0	0	0	0	129	758	0	0	0
Michigan, total	0	301,389	50	479	0	82	0	8,431	91,073	0	1,350	2,079
Albion College	0	0	0	0	0	0	0	0	18	0	0	0
Alma College	0	0	0	0	0	0	0	0	315	0	0	0
Andrews University	0	0	0	0	0	0	0	0	106	0	0	0
Calvin College	0	0	0	0	0	0	0	0	185	0	0	0
Central Michigan U	0	0	0	0	0	0	0	0	75	0	0	0
Eastern Michigan U	0	0	0	0	0	0	0	0	711	0	0	0
Grand Valley State U	0	0	0	0	0	0	0	0	77	0	0	0
Hope College	0	99	0	0	0	0	0	0	705	0	0	0
Kettering University	0	0	0	0	0	0	0	35	0	0	0	0
Lawrence Technological U	0	0	0	0	0	0	0	0	335	0	0	0
Michigan State University	0	25,075	0	118	0	82	0	914	40,740	0	0	0
Michigan Tech University	0	207	0	299	0	0	0	484	3,857	0	0	0
Northern Michigan U	0	0	0	0	0	0	0	0	28	0	0	0
Oakland University	0	2,711	0	0	0	0	0	0	419	0	0	0
Saginaw Valley State U	0	0	0	0	0	0	0	0	0	0	0	0
U of Detroit Mercy	0	154	0	0	0	0	0	0	102	0	0	0
U of Michigan	0	219,979	50	57	0	0	0	6,765	38,516	0	1,350	1,918
Wayne State University	0	52,201	0	0	0	0	0	183	4,292	0	0	161
Western Michigan U	0	963	0	5	0	0	0	50	592	0	0	0
Minnesota, total	0	149,686	0	805	0	49	0	5,110	33,023	0	0	1,722
Augsburg College	0	0	0	0	0	0	0	0	146	0	0	0
Bemidji State University	0	0	0	0	0	0	0	0	0	0	0	0
Carleton College	0	0	0	0	0	0	0	0	431	0	0	0
College of St Scholastica	0	103	0	0	0	0	0	0	0	0	0	0
Concordia Col Moorhead	0	0	0	0	0	0	0	5	0	0	0	0
Hamline University	0	87	0	0	0	0	0	0	560	0	0	0
MN State Univ Moorhead	0	0	0	0	0	0	0	38	0	0	0	0
Macalester College	0	90	0	18	0	0	0	0	373	0	0	0
Minnesota State U-Mankato	0	84	0	0	0	0	0	75	0	0	0	0
St Cloud State University	0	0	0	0	0	0	0	0	80	0	0	0
St Olaf College	0	229	0	0	0	0	0	0	218	0	0	0
U of Minnesota	0	148,986	0	782	0	49	0	4,992	31,215	0	0	1,722
U of St Thomas (St Paul)	0	107	0	0	0	0	0	0	0	0	0	0
Winona State University	0	0	0	5	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	Total	USDA	ARC	Com	DoD ¹				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
Mississippi, total	102,662	20,248	0	10,009	22,237	10,327	6,964	4,946	6,137	0	829	180
Alcorn State University	2,946	2,486	0	0	0	0	0	0	0	0	0	0
Delta State University	20	20	0	0	0	0	0	0	0	0	0	0
Gulf Coast Ed Intv Cnsrtm	200	0	0	0	0	0	0	0	0	0	0	0
Jackson State University	8,601	10	0	0	558	558	0	0	0	0	0	0
Mississippi AL Sea Grant	741	0	0	741	0	0	0	0	0	0	0	0
Mississippi Rsch Cnstrm	1,127	0	0	0	0	0	0	0	0	0	0	0
Mississippi State U	51,953	13,699	0	0	12,511	6,486	1,129	4,896	5,111	0	829	109
Mississippi Valley St U	408	0	0	0	0	0	0	0	0	0	0	0
Rust College	50	0	0	0	50	0	0	50	0	0	0	0
Tougaloo College	442	50	0	0	0	0	0	0	0	0	0	0
U of Mississippi	22,640	3,071	0	46	7,484	1,949	5,535	0	429	0	0	71
U of Southern Mississippi	13,534	912	0	9,222	1,634	1,334	300	0	597	0	0	0
Missouri, total	354,892	13,424	0	131	9,930	9,259	671	0	4,578	0	2,312	8,754
Avila College	25	0	0	0	0	0	0	0	0	0	0	0
Central Missouri St U	30	30	0	0	0	0	0	0	0	0	0	0
Kirksville Col Osteo Med	604	0	0	0	0	0	0	0	0	0	0	0
Lincoln U (Jeffersn City)	2,031	2,031	0	0	0	0	0	0	0	0	0	0
Southeast Missouri St U	14	0	0	0	0	0	0	0	0	0	0	0
Southwest Missouri St U	95	18	0	0	0	0	0	0	0	0	0	0
St Louis University	23,660	0	0	0	136	136	0	0	0	0	0	0
Stephens College	24	0	0	0	0	0	0	0	0	0	0	0
Truman State University	136	100	0	6	0	0	0	0	0	0	0	0
U of Missouri Columbia	52,433	10,276	0	0	1,973	1,302	671	0	1,195	0	1,406	3,500
U of Missouri Kansas City	7,536	0	0	0	548	548	0	0	154	0	0	0
U of Missouri Rolla	4,837	44	0	82	1,204	1,204	0	0	456	0	0	0
U of Missouri St Louis	3,681	275	0	0	300	300	0	0	0	0	0	0
U of Missouri Sys Admin	1,261	190	0	0	0	0	0	0	0	0	906	0
Washington University	258,525	460	0	43	5,769	5,769	0	0	2,773	0	0	5,254
Montana, total	48,443	7,231	0	317	2,762	2,762	0	0	259	0	854	2,003
Fort Belknap College	1,100	0	0	0	0	0	0	0	0	0	0	0
Montana State U Billings	7,532	44	0	0	0	0	0	0	0	0	0	0
Montana State U Bozeman	21,957	5,707	0	0	1,793	1,793	0	0	48	0	0	778
Montana Tech of U of MT	817	0	0	0	0	0	0	0	0	0	0	566
Montana U Sys-Sys Off	2,185	0	0	0	0	0	0	0	0	0	0	0
Salish Kootenai College	161	10	0	0	0	0	0	0	0	0	0	0
Stone Child College	38	0	0	0	38	38	0	0	0	0	0	0
U of Montana, The	14,538	1,470	0	317	931	931	0	0	211	0	854	659
Western Montana College	115	0	0	0	0	0	0	0	0	0	0	0
Nebraska, total	58,787	8,683	0	64	3,205	2,908	297	0	939	0	149	270
Chadron State College	34	0	0	0	0	0	0	0	0	0	0	0
Creighton University	4,353	0	0	64	0	0	0	0	190	0	0	0
Peru State College	10	0	0	0	0	0	0	0	0	0	0	0
U of Nebraska Ctrl Admin	576	3	0	0	0	0	0	0	424	0	149	0
U of Nebraska Lincoln	31,785	8,680	0	0	2,591	2,591	0	0	0	0	0	270
U of Nebraska Med Ctr	20,582	0	0	0	614	317	297	0	0	0	0	0
U of Nebraska Omaha	1,447	0	0	0	0	0	0	0	325	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Mississippi, total	0	15,928	0	939	0	0	0	14,554	11,491	0	0	110
Alcorn State University	0	86	0	0	0	0	0	374	0	0	0	0
Delta State University	0	0	0	0	0	0	0	0	0	0	0	0
Gulf Coast Ed Intv Cnsrtm	0	0	0	0	0	0	0	200	0	0	0	0
Jackson State University	0	5,804	0	0	0	0	0	703	1,526	0	0	0
Mississippi AL Sea Grant	0	0	0	0	0	0	0	0	0	0	0	0
Mississippi Rsch Cnstrm	0	0	0	0	0	0	0	1,127	0	0	0	0
Mississippi State U	0	318	0	355	0	0	0	11,437	7,584	0	0	0
Mississippi Valley St U	0	129	0	0	0	0	0	279	0	0	0	0
Rust College	0	0	0	0	0	0	0	0	0	0	0	0
Tougaloo College	0	392	0	0	0	0	0	0	0	0	0	0
U of Mississippi	0	9,071	0	570	0	0	0	398	1,390	0	0	110
U of Southern Mississippi	0	128	0	14	0	0	0	36	991	0	0	0
Missouri, total	0	281,438	0	1,368	0	0	0	7,719	24,713	0	0	525
Avila College	0	0	0	0	0	0	0	0	25	0	0	0
Central Missouri St U	0	0	0	0	0	0	0	0	0	0	0	0
Kirksville Col Osteo Med	0	604	0	0	0	0	0	0	0	0	0	0
Lincoln U (Jeffersn City)	0	0	0	0	0	0	0	0	0	0	0	0
Southeast Missouri St U	0	0	0	0	0	0	0	0	14	0	0	0
Southwest Missouri St U	0	0	0	0	0	0	0	0	77	0	0	0
St Louis University	0	22,897	0	234	0	0	0	21	372	0	0	0
Stephens College	0	24	0	0	0	0	0	0	0	0	0	0
Truman State University	0	0	0	0	0	0	0	0	30	0	0	0
U of Missouri Columbia	0	21,960	0	1,015	0	0	0	1,501	9,607	0	0	0
U of Missouri Kansas City	0	5,802	0	0	0	0	0	0	1,032	0	0	0
U of Missouri Rolla	0	150	0	110	0	0	0	411	1,855	0	0	525
U of Missouri St Louis	0	2,125	0	0	0	0	0	31	950	0	0	0
U of Missouri Sys Admin	0	165	0	0	0	0	0	0	0	0	0	0
Washington University	0	227,711	0	9	0	0	0	5,755	10,751	0	0	0
Montana, total	0	8,525	0	1,819	0	1,100	0	10,196	11,881	0	0	1,496
Fort Belknap College	0	0	0	0	0	1,100	0	0	0	0	0	0
Montana State U Billings	0	0	0	287	0	0	0	0	7,201	0	0	0
Montana State U Bozeman	0	5,383	0	719	0	0	0	6,033	0	0	0	1,496
Montana Tech of U of MT	0	251	0	0	0	0	0	0	0	0	0	0
Montana U Sys-Sys Off	0	0	0	0	0	0	0	0	2,185	0	0	0
Salish Kootenai College	0	0	0	0	0	0	0	151	0	0	0	0
Stone Child College	0	0	0	0	0	0	0	0	0	0	0	0
U of Montana, The	0	2,891	0	813	0	0	0	4,012	2,380	0	0	0
Western Montana College	0	0	0	0	0	0	0	0	115	0	0	0
Nebraska, total	0	28,166	0	476	2,500	337	0	2,519	11,479	0	0	0
Chadron State College	0	0	0	34	0	0	0	0	0	0	0	0
Creighton University	0	3,886	0	0	0	0	0	96	117	0	0	0
Peru State College	0	0	0	0	0	0	0	0	10	0	0	0
U of Nebraska Ctrl Admin	0	0	0	0	0	0	0	0	0	0	0	0
U of Nebraska Lincoln	0	4,480	0	442	2,500	0	0	1,698	11,124	0	0	0
U of Nebraska Med Ctr	0	19,800	0	0	0	0	0	0	168	0	0	0
U of Nebraska Omaha	0	0	0	0	0	337	0	725	60	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	Total	USDA	ARC	Com	DoD[1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
Nevada, total	40,708	2,806	0	704	2,587	2,387	0	200	13,378	0	250	540
Desert Research Institute	5,100	18	0	0	1,317	1,317	0	0	1,215	0	0	0
U & CC Sys of NV SO	12,902	0	0	704	691	691	0	0	9,700	0	0	40
U of Nevada Las Vegas	5,271	818	0	0	500	300	0	200	967	0	74	500
U of Nevada Reno	17,435	1,970	0	0	79	79	0	0	1,496	0	176	0
New Hampshire, total	92,162	2,691	0	13,636	3,061	1,947	864	250	617	0	454	1,430
Dartmouth College	54,321	324	0	213	2,567	1,703	864	0	80	0	0	0
NH Cmty Tech Nashua/Clrmt	400	0	0	400	0	0	0	0	0	0	0	0
St Anselm College	19	0	0	0	0	0	0	0	0	0	0	0
U System of NH Sys Off	948	0	0	0	494	244	0	250	0	0	454	0
U of NH Durham	36,443	2,345	0	13,023	0	0	0	0	537	0	0	1,430
U of NH Plymouth St Col	9	0	0	0	0	0	0	0	0	0	0	0
U of NH at Manchester	22	22	0	0	0	0	0	0	0	0	0	0
New Jersey, total	236,553	6,919	0	4,298	22,667	21,065	1,213	389	18,482	0	490	3,645
Drew University	135	0	0	0	0	0	0	0	0	0	0	0
Essex County College	104	0	0	0	104	104	0	0	0	0	0	0
Kean University	178	0	0	0	0	0	0	0	0	0	0	0
Monmouth University	14	0	0	0	0	0	0	0	0	0	0	0
Montclair St University	105	0	0	0	0	0	0	0	0	0	0	0
New Jersey City U	1,389	0	0	0	0	0	0	0	0	0	0	0
New Jersey Inst of Tech	7,070	0	0	0	342	317	25	0	57	0	0	2,251
Princeton University	77,163	0	0	973	12,308	11,708	600	0	7,904	0	0	247
Rider University	119	0	0	0	0	0	0	0	0	0	0	0
Rowan University	93	0	0	0	0	0	0	0	0	0	0	0
Rutgers St U of NJ	76,377	6,719	0	2,878	8,921	7,944	588	389	6,279	0	341	0
Seton Hall University	529	0	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Tech	2,713	0	0	17	985	985	0	0	242	0	0	0
U of Med & Dent of NJ	70,134	200	0	0	7	7	0	0	4,000	0	149	1,147
Union County College	430	0	0	430	0	0	0	0	0	0	0	0
New Mexico, total	91,410	4,357	0	164	21,752	11,758	1,856	8,138	6,367	0	131	226
College of Santa Fe	100	0	0	0	0	0	0	0	0	0	0	0
Eastern NM U	18	0	0	0	0	0	0	0	0	0	0	0
New Mexico Highlands U	1,767	0	0	0	249	249	0	0	963	0	0	0
New Mexico Inst Mining	4,892	0	0	0	968	268	0	700	1,999	0	0	0
New Mexico St U	20,822	4,294	0	164	8,895	1,211	246	7,438	665	0	0	145
U of New Mexico	63,811	63	0	0	11,640	10,030	1,610	0	2,740	0	131	81
New York, total	1,269,773	15,816	0	9,085	71,914	56,877	9,362	5,675	64,550	0	7,720	8,258
Adelphi University	48	0	0	0	0	0	0	0	0	0	0	0
Albany Col of Pharmacy	729	0	0	0	0	0	0	0	0	0	0	0
Albany Medical College	7,555	0	0	0	184	184	0	0	0	0	0	0
Alfred University	1,080	0	0	73	247	247	0	0	699	0	0	0
Barnard College	1,016	0	0	0	64	64	0	0	0	0	0	0
CUNY Baruch College	248	0	0	0	150	150	0	0	0	0	0	0
CUNY Brooklyn College	1,673	0	0	0	486	486	0	0	0	0	0	0
CUNY City College	11,025	120	0	0	484	484	0	0	1,189	0	0	0
CUNY Col Staten Island	898	0	0	0	190	190	0	0	0	0	0	0
CUNY Graduate Center	1,733	0	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Nevada, total	0	9,882	0	903	0	138	0	1,001	7,519	0	0	1,000
Desert Research Institute	0	0	0	0	0	0	0	236	1,314	0	0	1,000
U & CC Sys of NV SO	0	0	0	0	0	0	0	225	1,542	0	0	0
U of Nevada Las Vegas	0	139	0	207	0	138	0	372	1,556	0	0	0
U of Nevada Reno	0	9,743	0	696	0	0	0	168	3,107	0	0	0
New Hampshire, total	0	46,136	0	142	0	1,500	0	9,146	12,025	0	0	1,324
Dartmouth College	0	43,459	0	13	0	0	0	1,661	6,004	0	0	0
NH Cmty Tech Nashua/Clrmt	0	0	0	0	0	0	0	0	0	0	0	0
St Anselm College	0	0	0	0	0	0	0	19	0	0	0	0
U System of NH Sys Off	0	0	0	0	0	0	0	0	0	0	0	0
U of NH Durham	0	2,677	0	129	0	1,500	0	7,466	6,012	0	0	1,324
U of NH Plymouth St Col	0	0	0	0	0	0	0	0	9	0	0	0
U of NH at Manchester	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey, total	0	115,605	0	208	0	0	10	9,360	52,200	0	0	2,669
Drew University	0	135	0	0	0	0	0	0	0	0	0	0
Essex County College	0	0	0	0	0	0	0	0	0	0	0	0
Kean University	0	178	0	0	0	0	0	0	0	0	0	0
Monmouth University	0	0	0	0	0	0	0	0	14	0	0	0
Montclair St University	0	0	0	0	0	0	0	0	105	0	0	0
New Jersey City U	0	1,389	0	0	0	0	0	0	0	0	0	0
New Jersey Inst of Tech	0	0	0	50	0	0	0	1,171	2,437	0	0	762
Princeton University	0	22,364	0	40	0	0	0	3,544	29,676	0	0	107
Rider University	0	119	0	0	0	0	0	0	0	0	0	0
Rowan University	0	0	0	0	0	0	0	0	93	0	0	0
Rutgers St U of NJ	0	27,563	0	118	0	0	0	3,888	18,294	0	0	1,376
Seton Hall University	0	519	0	0	0	0	10	0	0	0	0	0
Stevens Institute of Tech	0	99	0	0	0	0	0	189	1,181	0	0	0
U of Med & Dent of NJ	0	63,239	0	0	0	0	0	568	400	0	0	424
Union County College	0	0	0	0	0	0	0	0	0	0	0	0
New Mexico, total	0	36,092	0	602	0	0	0	8,885	12,306	0	0	528
College of Santa Fe	0	0	0	0	0	0	0	100	0	0	0	0
Eastern NM U	0	0	0	0	0	0	0	0	18	0	0	0
New Mexico Highlands U	0	91	0	0	0	0	0	464	0	0	0	0
New Mexico Inst Mining	0	0	0	178	0	0	0	103	1,362	0	0	282
New Mexico St U	0	571	0	344	0	0	0	2,386	3,198	0	0	160
U of New Mexico	0	35,430	0	80	0	0	0	5,832	7,728	0	0	86
New York, total	0	876,929	388	938	0	1,146	0	32,751	176,899	80	200	3,099
Adelphi University	0	48	0	0	0	0	0	0	0	0	0	0
Albany Col of Pharmacy	0	729	0	0	0	0	0	0	0	0	0	0
Albany Medical College	0	7,195	0	0	0	0	0	0	176	0	0	0
Alfred University	0	0	0	3	0	0	0	0	58	0	0	0
Barnard College	0	581	0	0	0	0	0	0	371	0	0	0
CUNY Baruch College	0	48	50	0	0	0	0	0	0	0	0	0
CUNY Brooklyn College	0	858	0	0	0	0	0	0	329	0	0	0
CUNY City College	0	3,402	0	0	0	0	0	2,708	3,122	0	0	0
CUNY Col Staten Island	0	557	0	0	0	0	0	0	151	0	0	0
CUNY Graduate Center	0	1,668	0	0	0	0	0	0	65	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	Total	USDA	ARC	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
New York, continued:												
CUNY Herbert H Lehman Col	391	0	0	0	0	0	0	0	40	0	0	0
CUNY Hostos CC	437	0	0	0	0	0	0	0	0	0	0	0
CUNY Hunter College	5,360	0	0	0	209	181	0	28	0	0	0	0
CUNY J Jay Col Crim Just	546	0	0	0	0	0	0	0	0	0	0	0
CUNY Medgar Evers College	32	0	0	0	0	0	0	0	0	0	0	0
CUNY Mt Sinai Schl of Med	104,993	0	0	0	3,573	3,011	562	0	114	0	1,173	0
CUNY NY City Tech Col	247	0	0	0	0	0	0	0	0	0	0	0
CUNY Queens College	1,288	0	0	0	80	80	0	0	0	0	0	0
CUNY System Office	3,940	0	0	0	958	684	274	0	69	0	0	0
CUNY York College	368	0	0	0	0	0	0	0	0	0	0	0
Central Yeshiva Tomchei	28	0	0	0	0	0	0	0	0	0	0	0
Clarkson University	3,055	0	0	0	317	317	0	0	502	0	0	395
Colgate University	268	0	0	0	0	0	0	0	0	0	0	0
Columbia U Central Off	7,003	0	0	4,765	630	630	0	0	542	0	0	0
Columbia U City New York	251,631	365	0	0	8,681	7,127	1,298	256	7,282	0	0	264
Cooper Union	75	0	0	0	0	0	0	0	0	0	0	0
Cornell University	203,814	13,770	0	269	16,986	16,745	241	0	4,423	0	1,000	108
D'Youville College	8	0	0	0	0	0	0	0	0	0	0	0
Dowling College	33	0	0	0	0	0	0	0	0	0	0	0
Fordham University	2,017	0	0	0	0	0	0	0	0	0	0	0
Hamilton College	194	0	0	0	0	0	0	0	0	0	0	0
Hartwick College	141	0	0	0	0	0	0	0	0	0	0	0
Hobart & Wm Smith Cols	23	0	0	0	0	0	0	0	0	0	0	0
Hofstra University	184	0	0	0	53	53	0	0	0	0	0	0
Iona College	185	0	0	0	90	90	0	0	0	0	0	0
Ithaca College	457	0	0	0	0	0	0	0	0	0	0	0
Long Island University	349	0	0	200	0	0	0	0	0	0	0	0
Marymount Col (Tarrytown)	32	0	0	0	0	0	0	0	0	0	0	0
Mercy Col (Dobbs Ferry)	494	0	0	0	0	0	0	0	0	0	0	0
NY Inst of Tech	366	0	0	0	114	114	0	0	0	0	0	0
NY Medical College	15,344	0	0	0	665	0	665	0	0	0	0	0
NY University	113,305	0	0	103	7,855	6,426	1,429	0	2,668	0	0	3,550
New School University	806	0	0	0	0	0	0	0	0	0	0	0
Niagara University	33	0	0	0	0	0	0	0	0	0	0	0
Pace University	200	0	0	0	0	0	0	0	200	0	0	0
Paul Smiths Col Arts Sci	83	23	0	0	0	0	0	0	0	0	0	0
Polytechnic University	4,165	0	0	44	838	838	0	0	157	0	0	0
Regents College	17	0	0	0	0	0	0	0	0	0	0	0
Rensselaer Polytech Inst	16,159	70	0	156	3,467	3,467	0	0	1,721	0	0	526
Rochester Inst Technology	3,753	0	0	6	1,800	0	1,800	0	0	0	150	0
Rockefeller University	51,038	0	0	0	1,007	661	346	0	1,061	0	0	0
SUNY Cayuga County CC	3,000	0	0	0	0	0	0	0	0	0	0	0
SUNY Col Brockport	35	0	0	0	0	0	0	0	0	0	0	0
SUNY Col Buffalo	3,303	0	0	0	673	607	0	66	668	0	0	0
SUNY Col Cortland	102	0	0	0	0	0	0	0	0	0	0	0
SUNY Col Env Sci & Forest	1,506	708	0	0	0	0	0	0	0	0	0	0
SUNY Col Fredonia	132	0	0	0	0	0	0	0	0	0	0	0
SUNY Col Geneseo	84	0	0	0	0	0	0	0	28	0	0	0
SUNY Col Old Westbury	1,027	0	0	0	0	0	0	0	98	0	0	0
SUNY Col Oneonta	99	0	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	GSA	HHS	HUD	Int	AID[2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
New York, continued:												
CUNY Herbert H Lehman Col	0	241	0	0	0	0	0	0	110	0	0	0
CUNY Hostos CC	0	437	0	0	0	0	0	0	0	0	0	0
CUNY Hunter College	0	4,601	128	0	0	0	0	0	422	0	0	0
CUNY J Jay Col Crim Just	0	546	0	0	0	0	0	0	0	0	0	0
CUNY Medgar Evers College	0	32	0	0	0	0	0	0	0	0	0	0
CUNY Mt Sinai Schl of Med	0	99,013	0	0	0	0	0	1,120	0	0	0	0
CUNY NY City Tech Col	0	247	0	0	0	0	0	0	0	0	0	0
CUNY Queens College	0	1,066	0	0	0	0	0	0	142	0	0	0
CUNY System Office	0	150	30	0	0	268	0	50	1,154	0	0	1,261
CUNY York College	0	18	0	0	0	0	0	197	153	0	0	0
Central Yeshiva Tomchei	0	0	0	0	0	0	0	0	28	0	0	0
Clarkson University	0	126	0	0	0	0	0	391	1,324	0	0	0
Colgate University	0	91	0	0	0	0	0	0	177	0	0	0
Columbia U Central Off	0	909	0	157	0	0	0	0	0	0	0	0
Columbia U City New York	0	187,867	0	0	0	100	0	10,682	36,390	0	0	0
Cooper Union	0	0	0	0	0	0	0	0	75	0	0	0
Cornell University	0	102,467	94	511	0	0	0	6,045	58,141	0	0	0
D'Youville College	0	0	0	0	0	0	0	0	8	0	0	0
Dowling College	0	0	0	0	0	0	0	0	33	0	0	0
Fordham University	0	1,702	0	0	0	0	0	0	315	0	0	0
Hamilton College	0	127	0	0	0	0	0	0	67	0	0	0
Hartwick College	0	0	0	0	0	0	0	14	127	0	0	0
Hobart & Wm Smith Cols	0	0	0	0	0	0	0	0	23	0	0	0
Hofstra University	0	0	0	0	0	0	0	131	0	0	0	0
Iona College	0	0	0	0	0	0	0	0	95	0	0	0
Ithaca College	0	75	0	0	0	0	0	0	382	0	0	0
Long Island University	0	108	0	0	0	0	0	0	41	0	0	0
Marymount Col (Tarrytown)	0	32	0	0	0	0	0	0	0	0	0	0
Mercy Col (Dobbs Ferry)	0	494	0	0	0	0	0	0	0	0	0	0
NY Inst of Tech	0	252	0	0	0	0	0	0	0	0	0	0
NY Medical College	0	14,461	0	0	0	0	0	0	218	0	0	0
NY University	0	89,052	71	0	0	0	0	657	9,349	0	0	0
New School University	0	744	0	0	0	0	0	0	62	0	0	0
Niagara University	0	0	0	0	0	0	0	33	0	0	0	0
Pace University	0	0	0	0	0	0	0	0	0	0	0	0
Paul Smiths Col Arts Sci	0	0	0	0	0	0	0	0	60	0	0	0
Polytechnic University	0	0	0	0	0	0	0	201	2,925	0	0	0
Regents College	0	0	0	0	0	0	0	0	17	0	0	0
Rensselaer Polytech Inst	0	984	0	99	0	0	0	1,634	7,422	80	0	0
Rochester Inst Technology	0	1,158	0	0	0	0	0	409	230	0	0	0
Rockefeller University	0	48,286	0	0	0	0	0	0	684	0	0	0
SUNY Cayuga County CC	0	0	0	0	0	0	0	3,000	0	0	0	0
SUNY Col Brockport	0	0	0	0	0	0	0	0	35	0	0	0
SUNY Col Buffalo	0	0	0	0	0	0	0	196	0	0	0	1,766
SUNY Col Cortland	0	0	0	0	0	0	0	0	102	0	0	0
SUNY Col Env Sci & Forest	0	185	0	0	0	0	0	150	463	0	0	0
SUNY Col Fredonia	0	0	0	0	0	0	0	0	132	0	0	0
SUNY Col Geneseo	0	0	0	0	0	0	0	0	56	0	0	0
SUNY Col Old Westbury	0	929	0	0	0	0	0	0	0	0	0	0
SUNY Col Oneonta	0	99	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	Total	USDA	ARC	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
New York, continued:												
SUNY Col Oswego	564	0	0	0	0	0	0	0	0	0	0	0
SUNY Col Plattsburgh	403	0	0	0	0	0	0	0	0	0	0	0
SUNY Col Potsdam	59	0	0	0	0	0	0	0	0	0	0	0
SUNY Col of Optometry	1,122	0	0	0	0	0	0	0	0	0	0	0
SUNY Hlth Sci Ctr Brklyn	21,752	0	0	0	0	0	0	0	0	0	0	0
SUNY Inst Tech Utica Rome	50	0	0	0	0	0	0	0	0	0	0	0
SUNY Maritime College	2,930	0	0	2,930	0	0	0	0	0	0	0	0
SUNY Purchase Col	147	0	0	0	0	0	0	0	0	0	0	0
SUNY System Office	3,762	33	0	0	1,552	1,314	238	0	178	0	1,947	0
SUNY Upstate Medical Univ	10,366	0	0	0	0	0	0	0	0	0	0	0
SUNY at Albany	20,332	372	0	80	104	104	0	0	1,009	0	2,500	364
SUNY at Binghamton	10,832	105	0	24	5,156	134	0	5,022	196	0	0	0
SUNY at Buffalo	34,293	160	0	0	948	948	0	0	0	0	550	0
SUNY at New Paltz	35	0	0	0	0	0	0	0	0	0	0	0
SUNY at Stony Brook	80,538	90	0	360	4,228	4,030	0	198	7,814	0	0	0
Siena College (Loudnvl)	587	0	0	0	0	0	0	0	0	0	0	0
Skidmore College	65	0	0	0	0	0	0	0	0	0	0	0
St John Fisher College	40	0	0	0	0	0	0	0	0	0	0	0
St Johns University (NY)	1,074	0	0	0	0	0	0	0	0	0	0	0
St Lawrence University	9	0	0	0	0	0	0	0	0	0	0	0
Syracuse University	16,627	0	0	66	4,191	2,671	1,520	0	639	0	400	803
Teachers Col Columbia U	1,795	0	0	0	0	0	0	0	0	0	0	0
Union Col (Schenectady)	227	0	0	9	0	0	0	0	0	0	0	0
University of Rochester	135,748	0	0	0	4,370	3,276	989	105	33,253	0	0	2,248
Vassar College	305	0	0	0	99	99	0	0	0	0	0	0
Yeshiva University NY	97,956	0	0	0	1,465	1,465	0	0	0	0	0	0
North Carolina, total	573,092	18,086	0	6,358	40,654	33,217	5,518	1,919	12,468	0	6,127	6,976
Appalachian St University	431	2	0	29	0	0	0	0	0	0	348	0
Bennett Col (Greensboro)	32	0	0	0	0	0	0	0	0	0	0	0
Davidson College	142	0	0	0	0	0	0	0	0	0	0	0
Duke University	210,701	743	0	643	16,154	13,794	1,983	377	6,522	0	900	376
East Carolina University	4,222	0	0	0	747	27	720	0	0	0	0	0
Elizabeth City State U	1,866	0	0	0	590	590	0	0	429	0	0	0
Fayetteville State U	28	0	0	0	0	0	0	0	28	0	0	0
Johnson C Smith U	546	0	0	0	0	0	0	0	0	0	0	0
NC Ag & Tech State U	9,264	2,618	0	0	1,313	1,313	0	0	179	0	0	0
NC Central University	1,342	0	0	0	0	0	0	0	0	0	0	0
NC State U	61,998	13,596	0	1,756	13,187	10,108	1,537	1,542	3,396	0	717	1,837
St Augustines College	92	0	0	0	0	0	0	0	0	0	0	0
U of NC Asheville	196	1	0	0	0	0	0	0	0	0	0	0
U of NC Chapel Hill	199,267	519	0	217	6,660	5,382	1,278	0	1,592	0	3,977	4,763
U of NC Charlotte	3,487	96	0	136	1,217	1,217	0	0	0	0	185	0
U of NC General Admin Off	848	0	0	0	0	0	0	0	322	0	0	0
U of NC Greensboro	1,304	211	0	0	43	43	0	0	0	0	0	0
U of NC Wilmington	5,299	0	0	3,577	248	248	0	0	0	0	0	0
Wake Forest University	71,047	0	0	0	495	495	0	0	0	0	0	0
Warren Wilson College	90	90	0	0	0	0	0	0	0	0	0	0
Western Carolina U	244	210	0	0	0	0	0	0	0	0	0	0
Winston Salem State U	646	0	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
New York, continued:												
SUNY Col Oswego	0	557	0	0	0	0	0	0	7	0	0	0
SUNY Col Plattsburgh	0	378	0	0	0	0	0	25	0	0	0	0
SUNY Col Potsdam	0	0	0	0	0	0	0	0	59	0	0	0
SUNY Col of Optometry	0	1,122	0	0	0	0	0	0	0	0	0	0
SUNY Hlth Sci Ctr Brklyn	0	21,068	0	0	0	0	0	0	684	0	0	0
SUNY Inst Tech Utica Rome	0	0	0	0	0	0	0	0	50	0	0	0
SUNY Maritime College	0	0	0	0	0	0	0	0	0	0	0	0
SUNY Purchase Col	0	0	0	0	0	0	0	142	5	0	0	0
SUNY System Office	0	52	0	0	0	0	0	0	0	0	0	0
SUNY Upstate Medical Univ	0	10,069	0	0	0	0	0	0	297	0	0	0
SUNY at Albany	0	11,124	15	124	0	778	0	693	3,069	0	100	0
SUNY at Binghamton	0	2,903	0	0	0	0	0	49	2,399	0	0	0
SUNY at Buffalo	0	24,125	0	0	0	0	0	137	8,373	0	0	0
SUNY at New Paltz	0	0	0	0	0	0	0	35	0	0	0	0
SUNY at Stony Brook	0	45,115	0	14	0	0	0	2,132	20,785	0	0	0
Siena College (Loudnvl)	0	0	0	0	0	0	0	0	587	0	0	0
Skidmore College	0	0	0	0	0	0	0	0	65	0	0	0
St John Fisher College	0	0	0	0	0	0	0	0	40	0	0	0
St Johns University (NY)	0	829	0	0	0	0	0	0	245	0	0	0
St Lawrence University	0	0	0	0	0	0	0	0	9	0	0	0
Syracuse University	0	5,692	0	18	0	0	0	422	4,224	0	100	72
Teachers Col Columbia U	0	1,795	0	0	0	0	0	0	0	0	0	0
Union Col (Schenectady)	0	0	0	0	0	0	0	118	100	0	0	0
University of Rochester	0	85,232	0	12	0	0	0	1,304	9,329	0	0	0
Vassar College	0	0	0	0	0	0	0	0	206	0	0	0
Yeshiva University NY	0	95,283	0	0	0	0	0	76	1,132	0	0	0
North Carolina, total	0	421,730	30	875	0	871	0	8,590	47,925	0	0	2,402
Appalachian St University	0	0	0	10	0	0	0	0	42	0	0	0
Bennett Col (Greensboro)	0	32	0	0	0	0	0	0	0	0	0	0
Davidson College	0	0	0	0	0	0	0	0	142	0	0	0
Duke University	0	167,604	0	82	0	35	0	922	16,410	0	0	310
East Carolina University	0	2,808	0	0	0	0	0	0	667	0	0	0
Elizabeth City State U	0	91	0	0	0	0	0	756	0	0	0	0
Fayetteville State U	0	0	0	0	0	0	0	0	0	0	0	0
Johnson C Smith U	0	458	0	0	0	0	0	88	0	0	0	0
NC Ag & Tech State U	0	0	0	0	0	0	0	2,762	1,797	0	0	595
NC Central University	0	1,325	0	17	0	0	0	0	0	0	0	0
NC State U	0	8,573	0	741	0	20	0	2,806	14,721	0	0	648
St Augustines College	0	92	0	0	0	0	0	0	0	0	0	0
U of NC Asheville	0	0	0	0	0	0	0	0	195	0	0	0
U of NC Chapel Hill	0	168,833	30	0	0	0	0	883	10,944	0	0	849
U of NC Charlotte	0	546	0	0	0	121	0	68	1,118	0	0	0
U of NC General Admin Off	0	501	0	25	0	0	0	0	0	0	0	0
U of NC Greensboro	0	802	0	0	0	0	0	0	248	0	0	0
U of NC Wilmington	0	422	0	0	0	0	0	150	902	0	0	0
Wake Forest University	0	69,017	0	0	0	695	0	135	705	0	0	0
Warren Wilson College	0	0	0	0	0	0	0	0	0	0	0	0
Western Carolina U	0	0	0	0	0	0	0	0	34	0	0	0
Winston Salem State U	0	626	0	0	0	0	0	20	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

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State and institution	Total	USDA	ARC	Com	DoD[1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
North Dakota, total	29,335	6,591	0	341	2,684	2,549	135	0	6,781	0	150	222
Jamestown College	195	0	0	0	0	0	0	0	0	0	0	0
Mayville State University	341	0	0	341	0	0	0	0	0	0	0	0
Minot State University	157	0	0	0	0	0	0	0	0	0	150	0
North Dakota St U	14,026	6,450	0	0	2,362	2,227	135	0	86	0	0	125
Sitting Bull College	20	20	0	0	0	0	0	0	0	0	0	0
U of North Dakota	14,596	121	0	0	322	322	0	0	6,695	0	0	97
Ohio, total	436,880	9,671	0	946	47,684	43,147	4,117	420	10,061	0	3,006	3,829
Ashland University	72	0	0	0	0	0	0	0	0	0	0	0
Baldwin Wallace College	5	0	0	0	0	0	0	0	0	0	0	0
Bowling Gr St U	1,561	0	0	0	178	178	0	0	0	0	0	0
Case Western Reserve U	166,992	0	0	10	4,840	4,004	796	40	1,339	0	373	500
Central State U (Wlbrfc)	968	0	0	0	968	968	0	0	0	0	0	0
Cleveland State U	3,588	0	0	0	0	0	0	0	0	0	138	0
College of Wooster	136	0	0	0	0	0	0	0	0	0	0	0
Denison University	333	0	0	0	0	0	0	0	50	0	0	0
Hiram College	39	0	0	0	0	0	0	0	29	0	0	0
John Carroll University	51	0	0	0	51	51	0	0	0	0	0	0
Kent State U	7,158	0	0	0	256	256	0	0	302	0	561	0
Kenyon College	142	0	0	0	0	0	0	0	0	0	0	0
Medical College of Ohio	7,788	0	0	0	0	0	0	0	0	0	0	0
Miami University All Cmp	3,073	0	0	18	10	10	0	0	71	0	0	1,034
Northeastern OH U Col Med	2,226	0	0	0	0	0	0	0	0	0	0	0
Oberlin College	349	0	0	0	0	0	0	0	0	0	0	0
Ohio Northern University	16	0	0	0	0	0	0	0	0	0	0	0
Ohio State U	115,505	9,049	0	780	8,316	6,386	1,550	380	6,317	0	875	400
Ohio University	7,478	42	0	0	1,004	954	50	0	815	0	234	0
Ohio Wesleyan University	231	0	0	0	0	0	0	0	0	0	0	0
Southwstrn OH Cncl Hi Ed	798	0	0	0	798	798	0	0	0	0	0	0
U of Akron	4,768	175	0	20	61	61	0	0	200	0	0	0
U of Cincinnati	66,287	107	0	0	3,848	2,691	1,157	0	664	0	0	153
U of Dayton	25,936	0	0	118	24,403	23,889	514	0	0	0	180	296
U of Findlay	1,347	0	0	0	0	0	0	0	0	0	0	1,347
U of Toledo	5,301	298	0	0	333	333	0	0	74	0	145	0
Wilberforce University	1,078	0	0	0	968	968	0	0	0	0	0	0
Wright State U	13,514	0	0	0	1,600	1,550	50	0	200	0	500	99
Youngstown State U	140	0	0	0	50	50	0	0	0	0	0	0
Oklahoma, total	67,914	8,937	0	1,190	6,069	2,728	532	2,809	6,053	0	150	2,593
Langston University	1,872	1,822	0	0	0	0	0	0	50	0	0	0
Northeastern State U	142	0	0	0	0	0	0	0	0	0	0	0
Oklahoma St U	20,590	6,963	0	0	3,755	896	50	2,809	906	0	0	283
Southeastern OK St U	90	0	0	0	90	90	0	0	0	0	0	0
U of Central Oklahoma	345	7	0	0	0	0	0	0	0	0	0	0
U of Oklahoma	41,096	80	0	1,190	2,138	1,656	482	0	3,472	0	150	846
U of Tulsa	3,779	65	0	0	86	86	0	0	1,625	0	0	1,464

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
North Dakota, total	0	4,227	0	140	0	0	0	2,827	4,012	0	0	1,360
Jamestown College	0	145	0	50	0	0	0	0	0	0	0	0
Mayville State University	0	0	0	0	0	0	0	0	0	0	0	0
Minot State University	0	0	0	7	0	0	0	0	0	0	0	0
North Dakota St U	0	1,050	0	68	0	0	0	0	2,525	0	0	1,360
Sitting Bull College	0	0	0	0	0	0	0	0	0	0	0	0
U of North Dakota	0	3,032	0	15	0	0	0	2,827	1,487	0	0	0
Ohio, total	0	297,190	50	385	0	165	4,000	15,011	42,759	0	0	2,123
Ashland University	0	72	0	0	0	0	0	0	0	0	0	0
Baldwin Wallace College	0	0	0	0	0	0	0	0	5	0	0	0
Bowling Gr St U	0	1,012	0	0	0	0	0	0	371	0	0	0
Case Western Reserve U	0	149,950	50	20	0	0	0	4,493	5,317	0	0	100
Central State U (Wlbrfc)	0	0	0	0	0	0	0	0	0	0	0	0
Cleveland State U	0	1,295	0	0	0	0	0	1,908	247	0	0	0
College of Wooster	0	0	0	0	0	0	0	0	136	0	0	0
Denison University	0	0	0	0	0	0	0	59	224	0	0	0
Hiram College	0	0	0	0	0	0	0	0	10	0	0	0
John Carroll University	0	0	0	0	0	0	0	0	0	0	0	0
Kent State U	0	1,707	0	0	0	0	0	205	4,127	0	0	0
Kenyon College	0	0	0	0	0	0	0	0	142	0	0	0
Medical College of Ohio	0	7,388	0	0	0	0	0	0	400	0	0	0
Miami University All Cmp	0	830	0	103	0	0	0	0	1,007	0	0	0
Northeastern OH U Col Med	0	1,790	0	0	0	0	0	283	153	0	0	0
Oberlin College	0	0	0	0	0	0	0	0	349	0	0	0
Ohio Northern University	0	0	0	0	0	0	0	16	0	0	0	0
Ohio State U	0	64,400	0	262	0	0	4,000	3,314	17,601	0	0	191
Ohio University	0	1,227	0	0	0	165	0	374	2,010	0	0	1,607
Ohio Wesleyan University	0	0	0	0	0	0	0	0	231	0	0	0
Southwstrn OH Cncl Hi Ed	0	0	0	0	0	0	0	0	0	0	0	0
U of Akron	0	821	0	0	0	0	0	1,185	2,306	0	0	0
U of Cincinnati	0	57,614	0	0	0	0	0	400	3,501	0	0	0
U of Dayton	0	173	0	0	0	0	0	342	199	0	0	225
U of Findlay	0	0	0	0	0	0	0	0	0	0	0	0
U of Toledo	0	1,558	0	0	0	0	0	2,222	671	0	0	0
Wilberforce University	0	0	0	0	0	0	0	110	0	0	0	0
Wright State U	0	7,353	0	0	0	0	0	100	3,662	0	0	0
Youngstown State U	0	0	0	0	0	0	0	0	90	0	0	0
Oklahoma, total	0	26,549	0	458	0	50	0	2,100	13,208	0	0	557
Langston University	0	0	0	0	0	0	0	0	0	0	0	0
Northeastern State U	0	142	0	0	0	0	0	0	0	0	0	0
Oklahoma St U	0	2,520	0	308	0	0	0	1,082	4,773	0	0	0
Southeastern OK St U	0	0	0	0	0	0	0	0	0	0	0	0
U of Central Oklahoma	0	0	0	0	0	0	0	0	0	0	0	338
U of Oklahoma	0	23,695	0	120	0	50	0	1,018	8,118	0	0	219
U of Tulsa	0	192	0	30	0	0	0	0	317	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

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State and institution	Total	USDA	ARC	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
Oregon, total	194,776	12,673	0	2,795	12,593	11,421	1,112	60	3,642	0	6,067	1,996
Central Oregon CC	94	0	0	0	0	0	0	0	0	0	0	0
Lewis & Clark College	324	0	0	0	0	0	0	0	0	0	0	0
Linn Benton Community Col	200	0	0	0	0	0	0	0	0	0	0	0
Oregon Grad Inst Sci Tech	11,424	0	0	375	4,162	3,595	567	0	732	0	0	175
Oregon Hlth Sciences U	87,704	215	0	0	397	397	0	0	0	0	1,949	0
Oregon Institute of Tech	98	0	0	0	0	0	0	0	98	0	0	0
Oregon State University	60,846	12,304	0	2,387	6,149	5,544	545	60	1,601	0	0	1,615
Portland State U (OR)	2,434	24	0	0	50	50	0	0	31	0	450	206
Reed College	497	0	0	0	0	0	0	0	0	0	0	0
Southern Oregon U	441	3	0	0	0	0	0	0	0	0	0	0
University of Oregon	29,602	114	0	33	1,835	1,835	0	0	1,180	0	3,188	0
Western Oregon University	547	0	0	0	0	0	0	0	0	0	480	0
Western States Chiro Col	310	0	0	0	0	0	0	0	0	0	0	0
Willamette University	255	13	0	0	0	0	0	0	0	0	0	0
Pennsylvania, total	990,736	10,744	89	1,416	153,690	94,960	33,409	25,321	20,447	0	5,742	3,966
Allegheny College	391	0	0	0	0	0	0	0	0	0	0	0
Bloomsburg U of PA	34	0	0	0	0	0	0	0	0	0	0	0
Bryn Mawr College	362	0	0	0	25	25	0	0	0	0	0	0
Bucknell University	467	0	0	11	0	0	0	0	0	0	0	0
California U of PA	4	4	0	0	0	0	0	0	0	0	0	0
Carlow College	74	0	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U	91,867	180	75	36	35,422	31,433	3,624	365	3,414	0	0	475
Cedar Crest College	5	0	0	0	0	0	0	0	0	0	0	0
Chatham College	77	0	0	0	0	0	0	0	0	0	0	0
Dickinson College	28	0	0	0	0	0	0	0	0	0	0	0
Drexel University	7,619	0	0	30	1,447	1,447	0	0	195	0	0	0
Duquesne University	1,988	0	0	0	0	0	0	0	0	0	0	92
Franklin & Marshall Col	299	0	0	0	0	0	0	0	0	0	0	0
Gettysburg College	125	0	0	0	0	0	0	0	0	0	0	0
Haverford College	1,405	0	0	0	0	0	0	0	0	0	0	0
Immaculata College	92	0	0	0	0	0	0	0	0	0	0	0
Indiana U of PA	214	0	0	0	0	0	0	0	0	0	0	0
Juniata College	98	0	0	0	0	0	0	0	0	0	0	0
Kutztown U of PA	88	0	0	10	0	0	0	0	0	0	0	0
Lafayette College	283	0	0	0	0	0	0	0	0	0	0	0
Lehigh University	13,499	0	0	0	4,789	4,615	0	174	815	0	0	0
Lincoln U (Linc U PA)	623	0	0	0	600	600	0	0	23	0	0	0
MCP Hahnemann University	22,316	0	0	0	0	0	0	0	0	0	0	0
Messiah College	54	0	0	0	0	0	0	0	0	0	0	0
Millersville U of PA	106	0	0	0	0	0	0	0	0	0	0	0
Muhlenberg College	3	0	0	0	0	0	0	0	0	0	0	0
PA Col of Optometry	518	0	0	0	0	0	0	0	0	0	0	0
PA St U University Park	207,840	9,031	14	829	86,203	39,207	24,661	22,335	5,863	0	316	2,296
Phila Col Osteopathic Med	95	0	0	0	0	0	0	0	0	0	0	0
Philadelphia University	69	50	0	0	19	19	0	0	0	0	0	0
Slippery Rock U of PA	67	0	0	0	0	0	0	0	0	0	0	0
St Francis Col (Loretto)	2,905	0	0	0	2,905	0	2,905	0	0	0	0	0
St Joseph's University	92	0	0	0	0	0	0	0	0	0	0	0
Susquehanna University	34	0	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Oregon, total	0	110,867	0	3,983	0	250	0	6,715	32,300	427	0	468
Central Oregon CC	0	94	0	0	0	0	0	0	0	0	0	0
Lewis & Clark College	0	279	0	0	0	0	0	0	45	0	0	0
Linn Benton Community Col	0	200	0	0	0	0	0	0	0	0	0	0
Oregon Grad Inst Sci Tech	0	3,460	0	255	0	0	0	0	2,265	0	0	0
Oregon Hlth Sciences U	0	83,702	0	0	0	0	0	299	1,142	0	0	0
Oregon Institute of Tech	0	0	0	0	0	0	0	0	0	0	0	0
Oregon State University	0	7,864	0	3,523	0	0	0	6,067	18,441	427	0	468
Portland State U (OR)	0	674	0	153	0	0	0	0	846	0	0	0
Reed College	0	0	0	0	0	250	0	0	247	0	0	0
Southern Oregon U	0	0	0	0	0	0	0	0	438	0	0	0
University of Oregon	0	14,217	0	52	0	0	0	349	8,634	0	0	0
Western Oregon University	0	67	0	0	0	0	0	0	0	0	0	0
Western States Chiro Col	0	310	0	0	0	0	0	0	0	0	0	0
Willamette University	0	0	0	0	0	0	0	0	242	0	0	0
Pennsylvania, total	0	664,841	82	303	0	1,230	760	23,119	100,095	607	0	3,605
Allegheny College	0	98	0	0	0	0	0	40	253	0	0	0
Bloomsburg U of PA	0	0	0	0	0	0	0	34	0	0	0	0
Bryn Mawr College	0	91	0	0	0	0	0	0	246	0	0	0
Bucknell University	0	0	0	0	0	0	0	58	398	0	0	0
California U of PA	0	0	0	0	0	0	0	0	0	0	0	0
Carlow College	0	74	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U	0	11,548	15	0	0	0	0	10,284	29,559	0	0	859
Cedar Crest College	0	0	0	0	0	0	0	0	5	0	0	0
Chatham College	0	77	0	0	0	0	0	0	0	0	0	0
Dickinson College	0	0	0	0	0	0	0	0	28	0	0	0
Drexel University	0	1,822	0	0	0	0	0	671	3,285	0	0	169
Duquesne University	0	1,341	0	0	0	0	0	0	555	0	0	0
Franklin & Marshall Col	0	0	0	0	0	0	0	111	188	0	0	0
Gettysburg College	0	0	0	0	0	0	0	0	125	0	0	0
Haverford College	0	0	0	0	0	0	0	0	1,405	0	0	0
Immaculata College	0	92	0	0	0	0	0	0	0	0	0	0
Indiana U of PA	0	0	0	0	0	0	0	0	214	0	0	0
Juniata College	0	0	0	0	0	0	0	0	98	0	0	0
Kutztown U of PA	0	0	0	0	0	0	0	0	78	0	0	0
Lafayette College	0	0	0	0	0	0	0	0	283	0	0	0
Lehigh University	0	1,228	0	58	0	0	750	0	5,139	0	0	720
Lincoln U (Linc U PA)	0	0	0	0	0	0	0	0	0	0	0	0
MCP Hahnemann University	0	22,167	0	0	0	0	0	0	149	0	0	0
Messiah College	0	0	0	0	0	0	0	0	54	0	0	0
Millersville U of PA	0	106	0	0	0	0	0	0	0	0	0	0
Muhlenberg College	0	0	0	0	0	0	0	0	3	0	0	0
PA Col of Optometry	0	518	0	0	0	0	0	0	0	0	0	0
PA St U University Park	0	68,745	0	222	0	19	0	9,255	22,683	607	0	1,757
Phila Col Osteopathic Med	0	95	0	0	0	0	0	0	0	0	0	0
Philadelphia University	0	0	0	0	0	0	0	0	0	0	0	0
Slippery Rock U of PA	0	0	0	0	0	0	0	0	67	0	0	0
St Francis Col (Loretto)	0	0	0	0	0	0	0	0	0	0	0	0
St Joseph's University	0	92	0	0	0	0	0	0	0	0	0	0
Susquehanna University	0	34	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	Total	USDA	ARC	Com	DoD ¹				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
Pennsylvania, continued:												
Swarthmore College	525	0	0	0	0	0	0	0	109	0	0	0
Temple University	32,138	0	0	0	1,448	1,448	0	0	316	0	0	175
Thomas Jefferson U	60,941	20	0	0	1,565	678	887	0	0	0	723	0
U of Pennsylvania	319,646	1,248	0	453	10,118	9,592	19	507	7,418	0	3,093	200
U of Pittsburgh	221,012	211	0	47	7,612	4,399	1,313	1,900	2,294	0	1,610	728
U of Scranton	1,342	0	0	0	1,342	1,342	0	0	0	0	0	0
Univ Sciences in Philadel	104	0	0	0	0	0	0	0	0	0	0	0
Villanova University	575	0	0	0	170	130	0	40	0	0	0	0
Washington & Jeffersn Col	238	0	0	0	0	0	0	0	0	0	0	0
West Chester U of PA	161	0	0	0	0	0	0	0	0	0	0	0
Widener U All Campuses	30	0	0	0	0	0	0	0	0	0	0	0
Wilkes University	283	0	0	0	25	25	0	0	0	0	0	0
Rhode Island, total	69,106	2,566	0	2,328	7,305	6,947	60	298	2,598	0	150	213
Brown University	44,042	130	0	94	4,357	4,277	30	50	2,548	0	0	213
Providence College	175	0	0	0	0	0	0	0	0	0	0	0
Rhode Island College	59	0	0	0	12	12	0	0	0	0	0	0
U of Rhode Island	24,830	2,436	0	2,234	2,936	2,658	30	248	50	0	150	0
South Carolina, total	112,155	8,505	0	4,456	13,345	6,958	806	5,581	9,695	0	167	112
Benedict College	1,498	0	0	490	136	136	0	0	0	0	0	0
Clemson University	24,859	6,668	0	0	3,383	3,383	0	0	4,417	0	0	112
College of Charleston	1,192	0	0	0	12	12	0	0	0	0	0	0
Furman University	273	3	0	0	0	0	0	0	0	0	0	0
Greenville Tech College	647	0	0	0	0	0	0	0	0	0	0	0
Medical U of S Carolina	45,632	0	0	0	6,183	602	0	5,581	3,208	0	0	0
Orangebrg Calhoun Tech	77	0	0	0	0	0	0	0	0	0	0	0
SC Sea Grant Consortium	3,793	0	0	3,793	0	0	0	0	0	0	0	0
SC State University	2,777	1,572	0	0	0	0	0	0	129	0	0	0
U of SC All Campuses	31,407	262	0	173	3,631	2,825	806	0	1,941	0	167	0
South Dakota, total	10,095	3,395	0	507	455	405	50	0	50	0	0	0
Augustana Col (Sioux Fls)	18	0	0	0	0	0	0	0	0	0	0	0
Oglala Lakota College	100	0	0	0	0	0	0	0	0	0	0	0
SD School Mines & Tech	1,822	0	0	7	50	0	50	0	50	0	0	0
SD State University	6,663	3,395	0	0	405	405	0	0	0	0	0	0
U of S Dakota	992	0	0	0	0	0	0	0	0	0	0	0
U of S Dakota Sys Off	500	0	0	500	0	0	0	0	0	0	0	0
Tennessee, total	207,549	10,371	0	106	11,405	9,242	1,616	547	8,013	0	1,207	2,906
Cumberland School of Tech	12	12	0	0	0	0	0	0	0	0	0	0
East Tennessee State U	2,527	90	0	0	5	5	0	0	109	0	0	0
Fisk University	2,445	0	0	0	148	148	0	0	160	0	0	0
Le Moyne Owen College	1,000	0	0	0	0	0	0	0	0	0	0	0
Lincoln Memorial U	1	0	0	0	0	0	0	0	0	0	0	0
Meharry Medical College	7,016	0	0	0	562	0	562	0	0	0	0	0
Middle TN State U	99	0	0	0	0	0	0	0	30	0	0	0
North Central Institute	401	0	0	0	0	0	0	0	0	0	0	0
Shelby State CC	101	0	0	0	101	101	0	0	0	0	0	0
Tennessee State U	5,914	2,644	0	0	961	961	0	0	60	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	GSA	HHS	HUD	Int	AID[2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Pennsylvania, continued:												
Swarthmore College	0	0	0	0	0	0	0	0	416	0	0	0
Temple University	0	28,009	0	0	0	280	0	60	1,850	0	0	0
Thomas Jefferson U	0	58,012	0	0	0	0	0	224	397	0	0	0
U of Pennsylvania	0	273,152	67	0	0	213	10	980	22,694	0	0	0
U of Pittsburgh	0	197,322	0	10	0	718	0	1,339	9,021	0	0	100
U of Scranton	0	0	0	0	0	0	0	0	0	0	0	0
Univ Sciences in Philadel	0	104	0	0	0	0	0	0	0	0	0	0
Villanova University	0	89	0	0	0	0	0	63	253	0	0	0
Washington & Jeffersn Col	0	0	0	0	0	0	0	0	238	0	0	0
West Chester U of PA	0	0	0	0	0	0	0	0	161	0	0	0
Widener U All Campuses	0	25	0	0	0	0	0	0	5	0	0	0
Wilkes University	0	0	0	13	0	0	0	0	245	0	0	0
Rhode Island, total	0	28,375	0	878	0	0	0	3,090	19,839	0	0	1,764
Brown University	0	23,888	0	80	0	0	0	2,259	10,473	0	0	0
Providence College	0	0	0	0	0	0	0	0	175	0	0	0
Rhode Island College	0	47	0	0	0	0	0	0	0	0	0	0
U of Rhode Island	0	4,440	0	798	0	0	0	831	9,191	0	0	1,764
South Carolina, total	0	51,205	0	489	0	675	0	3,271	18,962	0	0	1,273
Benedict College	0	774	0	0	0	0	0	98	0	0	0	0
Clemson University	0	814	0	299	0	500	0	940	7,482	0	0	244
College of Charleston	0	0	0	0	0	0	0	491	689	0	0	0
Furman University	0	61	0	0	0	0	0	100	109	0	0	0
Greenville Tech College	0	0	0	0	0	0	0	0	0	0	0	647
Medical U of S Carolina	0	35,565	0	0	0	0	0	162	514	0	0	0
Orangebrg Calhoun Tech	0	77	0	0	0	0	0	0	0	0	0	0
SC Sea Grant Consortium	0	0	0	0	0	0	0	0	0	0	0	0
SC State University	0	163	0	0	0	0	0	650	0	0	0	263
U of SC All Campuses	0	13,751	0	190	0	175	0	830	10,168	0	0	119
South Dakota, total	0	1,491	0	854	0	0	0	637	2,706	0	0	0
Augustana Col (Sioux Fls)	0	0	0	0	0	0	0	18	0	0	0	0
Oglala Lakota College	0	0	0	0	0	0	0	100	0	0	0	0
SD School Mines & Tech	0	0	0	93	0	0	0	378	1,244	0	0	0
SD State University	0	754	0	761	0	0	0	141	1,207	0	0	0
U of S Dakota	0	737	0	0	0	0	0	0	255	0	0	0
U of S Dakota Sys Off	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee, total	0	146,934	0	1,254	0	250	0	5,196	18,647	0	0	1,260
Cumberland School of Tech	0	0	0	0	0	0	0	0	0	0	0	0
East Tennessee State U	0	2,158	0	0	0	0	0	141	24	0	0	0
Fisk University	0	85	0	0	0	0	0	1,789	113	0	0	150
Le Moyne Owen College	0	0	0	0	0	0	0	0	1,000	0	0	0
Lincoln Memorial U	0	0	0	1	0	0	0	0	0	0	0	0
Meharry Medical College	0	6,339	0	0	0	0	0	0	115	0	0	0
Middle TN State U	0	0	0	10	0	0	0	59	0	0	0	0
North Central Institute	0	0	0	0	0	0	0	0	401	0	0	0
Shelby State CC	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee State U	0	1,394	0	0	0	0	0	855	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	Total	USDA	ARC	Com	DoD[1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
Tennessee, continued:												
Tennessee Technological U	1,419	0	0	0	0	0	0	0	400	0	0	0
U of Memphis, The	6,144	28	0	0	155	155	0	0	50	0	326	145
U of Tennessee Chtnooga	18	0	0	0	0	0	0	0	0	0	0	0
U of Tennessee Knoxville	36,412	7,597	0	106	2,064	1,517	0	547	5,855	0	0	2,761
U of Tennessee U-Wide Adm	90	0	0	0	0	0	0	0	0	0	0	0
U of Tennessee, Memphis	25,684	0	0	0	641	641	0	0	0	0	0	0
U of the South	77	0	0	0	0	0	0	0	0	0	0	0
Vanderbilt University	118,189	0	0	0	6,768	5,714	1,054	0	1,349	0	881	0
Texas, total	834,557	19,388	103	3,099	94,827	76,908	5,400	12,519	23,258	0	2,751	11,924
Abilene Christian U	229	0	0	0	0	0	0	0	122	0	0	0
Alamo CC District	164	0	0	0	0	0	0	0	0	0	0	0
Baylor Col of Medicine	149,418	263	0	0	2,174	1,857	317	0	296	0	635	177
Baylor University	1,216	0	0	0	0	0	0	0	0	0	0	0
El Paso Community College	32	0	0	0	0	0	0	0	0	0	0	0
Houston Community College	150	0	0	0	0	0	0	0	0	0	0	0
Lamar University	2,474	0	0	0	0	0	0	0	0	0	0	2,474
Lubbock Christian U	3	3	0	0	0	0	0	0	0	0	0	0
Midwestern State U	73	0	0	0	0	0	0	0	0	0	0	0
Our Lady of the Lake U	404	0	0	0	140	140	0	0	0	0	0	0
Prairie View A&M U	7,763	3,043	0	0	637	637	0	0	814	0	0	0
Rice University	27,689	127	0	0	4,215	4,187	0	28	2,331	0	0	282
Sam Houston State U	975	0	0	0	0	0	0	0	0	0	0	975
Southern Methodist U	4,627	0	0	88	1,126	1,126	0	0	671	0	0	0
Southwest Texas St U	3,257	60	0	0	0	0	0	0	0	0	0	975
St Marys U (San Antonio)	244	0	0	0	0	0	0	0	0	0	0	0
Stephen F Austin St U	339	339	0	0	0	0	0	0	0	0	0	0
TX A&M U Sys Hlth Sci Ctr	676	0	0	0	0	0	0	0	0	0	0	0
Tarleton State University	400	0	0	0	0	0	0	0	0	0	0	400
Tarrant Co Col District	675	675	0	0	0	0	0	0	0	0	0	0
Texas A&M International U	5,624	0	0	125	119	119	0	0	0	0	0	0
Texas A&M U	57,019	13,607	0	1,502	4,030	3,649	142	239	3,221	0	0	337
Texas A&M U Corpus Chrsti	130	0	0	0	0	0	0	0	0	0	0	0
Texas A&M U Kingsville	832	0	0	0	0	0	0	0	0	0	0	0
Texas A&M U System Office	16,879	50	0	0	908	908	0	0	1,731	0	0	0
Texas Christian U	2,661	0	0	0	22	22	0	0	0	0	0	0
Texas Southern U	2,250	0	0	0	0	0	0	0	0	0	300	0
Texas Tech University	12,405	335	0	1,137	3,767	3,767	0	0	967	0	0	0
Texas Womans University	1,299	0	0	0	0	0	0	0	0	0	0	0
Trinity University	405	0	0	0	0	0	0	0	0	0	0	0
Trinity Valley CC	220	0	0	0	220	220	0	0	0	0	0	0
U of Dallas	36	0	0	0	0	0	0	0	0	0	0	0
U of Houston	15,634	0	0	47	1,171	1,119	52	0	1,043	0	0	0
U of Houston Clear Lake	5,811	25	0	0	0	0	0	0	0	0	0	0
U of Houston Downtown	231	0	0	0	16	16	0	0	0	0	0	0
U of Houston Sys Admin	197	0	0	0	197	197	0	0	0	0	0	0
U of N Texas	5,603	142	0	50	434	223	0	211	105	0	0	0
U of TX Arlington	2,807	0	0	0	458	458	0	0	462	0	0	0
U of TX Austin	121,084	470	28	0	52,591	40,442	1,684	10,465	10,242	0	946	2,146
U of TX Dallas	4,333	100	75	150	819	598	0	221	327	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Tennessee, continued:												
Tennessee Technological U	0	0	0	765	0	0	0	29	225	0	0	0
U of Memphis, The	0	4,222	0	418	0	0	0	115	685	0	0	0
U of Tennessee Chtnooga	0	0	0	0	0	0	0	0	18	0	0	0
U of Tennessee Knoxville	0	5,650	0	60	0	0	0	1,502	9,707	0	0	1,110
U of Tennessee U-Wide Adm	0	90	0	0	0	0	0	0	0	0	0	0
U of Tennessee, Memphis	0	24,789	0	0	0	250	0	0	4	0	0	0
U of the South	0	0	0	0	0	0	0	0	77	0	0	0
Vanderbilt University	0	102,207	0	0	0	0	0	706	6,278	0	0	0
Texas, total	0	565,518	30	6,130	0	358	0	32,274	73,863	7	0	1,027
Abilene Christian U	0	107	0	0	0	0	0	0	0	0	0	0
Alamo CC District	0	0	0	0	0	0	0	164	0	0	0	0
Baylor Col of Medicine	0	144,731	0	0	0	0	0	1,142	0	0	0	0
Baylor University	0	130	0	42	0	0	0	0	1,044	0	0	0
El Paso Community College	0	32	0	0	0	0	0	0	0	0	0	0
Houston Community College	0	0	0	0	0	0	0	150	0	0	0	0
Lamar University	0	0	0	0	0	0	0	0	0	0	0	0
Lubbock Christian U	0	0	0	0	0	0	0	0	0	0	0	0
Midwestern State U	0	0	0	0	0	0	0	0	73	0	0	0
Our Lady of the Lake U	0	0	0	0	0	0	0	264	0	0	0	0
Prairie View A&M U	0	390	0	0	0	261	0	2,390	228	0	0	0
Rice University	0	4,954	15	0	0	0	0	2,488	13,277	0	0	0
Sam Houston State U	0	0	0	0	0	0	0	0	0	0	0	0
Southern Methodist U	0	1,678	0	0	0	0	0	172	892	0	0	0
Southwest Texas St U	0	1,777	0	6	0	0	0	87	352	0	0	0
St Marys U (San Antonio)	0	244	0	0	0	0	0	0	0	0	0	0
Stephen F Austin St U	0	0	0	0	0	0	0	0	0	0	0	0
TX A&M U Sys Hlth Sci Ctr	0	676	0	0	0	0	0	0	0	0	0	0
Tarleton State University	0	0	0	0	0	0	0	0	0	0	0	0
Tarrant Co Col District	0	0	0	0	0	0	0	0	0	0	0	0
Texas A&M International U	0	0	0	5,380	0	0	0	0	0	0	0	0
Texas A&M U	0	10,679	0	16	0	0	0	3,285	19,628	7	0	707
Texas A&M U Corpus Chrsti	0	101	0	29	0	0	0	0	0	0	0	0
Texas A&M U Kingsville	0	719	0	0	0	0	0	113	0	0	0	0
Texas A&M U System Office	0	14,190	0	0	0	0	0	0	0	0	0	0
Texas Christian U	0	2,398	0	0	0	0	0	85	156	0	0	0
Texas Southern U	0	1,585	0	0	0	0	0	365	0	0	0	0
Texas Tech University	0	4,353	0	0	0	0	0	199	1,647	0	0	0
Texas Womans University	0	1,205	0	0	0	0	0	0	94	0	0	0
Trinity University	0	90	0	0	0	0	0	0	315	0	0	0
Trinity Valley CC	0	0	0	0	0	0	0	0	0	0	0	0
U of Dallas	0	0	0	0	0	0	0	0	36	0	0	0
U of Houston	0	5,634	0	40	0	0	0	2,118	5,581	0	0	0
U of Houston Clear Lake	0	0	0	0	0	0	0	5,786	0	0	0	0
U of Houston Downtown	0	0	0	0	0	0	0	20	195	0	0	0
U of Houston Sys Admin	0	0	0	0	0	0	0	0	0	0	0	0
U of N Texas	0	4,068	0	0	0	0	0	170	634	0	0	0
U of TX Arlington	0	1,085	0	23	0	0	0	0	779	0	0	0
U of TX Austin	0	23,690	15	210	0	0	0	8,156	22,270	0	0	320
U of TX Dallas	0	1,252	0	0	0	0	0	260	1,350	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	Total	USDA	ARC	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
Texas, continued												
U of TX El Paso	10,842	80	0	0	972	972	0	0	0	0	0	4,158
U of TX Hlth Sci S Anto	50,091	0	0	0	1,773	1,773	0	0	0	0	0	0
U of TX Houston Hlth Sci	65,817	0	0	0	191	191	0	0	0	0	0	0
U of TX MD Anderson Cancr	82,211	0	0	0	6,138	6,138	0	0	0	0	0	0
U of TX Med Brnch Galvstn	52,933	0	0	0	2,293	2,293	0	0	675	0	575	0
U of TX Pan American	448	38	0	0	214	214	0	0	0	0	0	0
U of TX Permian Basin	83	0	0	0	83	83	0	0	0	0	0	0
U of TX SW Med Ctr Dals	101,675	0	0	0	3,317	3,317	0	0	0	0	295	0
U of TX San Antonio	4,702	0	0	0	816	816	0	0	0	0	0	0
U of TX System Office	8,416	0	0	0	5,986	1,426	3,205	1,355	144	0	0	0
U of TX Tyler	933	0	0	0	0	0	0	0	0	0	0	0
West Texas A&M U	138	31	0	0	0	0	0	0	107	0	0	0
Utah, total	165,430	6,748	0	355	31,181	11,403	19,598	180	6,668	0	1,190	961
Brigham Young U	8,369	140	0	4	1,811	1,811	0	0	561	0	0	622
Southern Utah University	27	0	0	0	0	0	0	0	0	0	0	0
University of Utah	114,690	611	0	351	6,449	4,537	1,732	180	5,810	0	150	186
Utah State University	42,234	5,997	0	0	22,821	4,955	17,866	0	297	0	1,040	143
Weber State University	110	0	0	0	100	100	0	0	0	0	0	10
Vermont, total	45,781	4,783	0	300	1,063	1,063	0	0	621	0	829	140
Middlebury College	699	0	0	0	0	0	0	0	0	0	0	0
University of Vermont	45,082	4,783	0	300	1,063	1,063	0	0	621	0	829	140
Virginia, total	260,894	9,475	0	1,928	32,331	28,176	1,294	2,861	13,033	0	2,447	1,481
Col William & Mary All C	7,312	0	0	1,185	576	531	0	45	587	0	0	10
Eastern VA Medical Schl	5,944	0	0	0	0	0	0	0	0	0	0	0
George Mason University	13,072	16	0	116	4,123	3,890	133	100	100	0	400	25
Hampton University	8,841	0	0	0	2,369	2,369	0	0	839	0	0	0
James Madison University	653	0	0	0	0	0	0	0	0	0	0	0
Norfolk State University	2,318	0	0	0	199	199	0	0	83	0	0	0
Old Dominion University	11,152	0	0	86	5,545	5,545	0	0	1,048	0	0	0
Roanoke College	83	0	0	0	0	0	0	0	0	0	0	0
Sweet Briar College	67	0	0	0	0	0	0	0	0	0	0	0
U of Richmond	1,145	0	0	0	0	0	0	0	74	0	0	0
U of Virginia	109,777	10	0	401	6,483	5,530	953	0	2,523	0	238	437
Virginia Commonwealth U	49,448	65	0	0	1,474	1,266	208	0	191	0	1,809	243
Virginia Military Inst	20	20	0	0	0	0	0	0	0	0	0	0
Virginia Poly Inst & St U	48,468	7,616	0	140	11,083	8,367	0	2,716	7,588	0	0	766
Virginia State University	2,543	1,748	0	0	479	479	0	0	0	0	0	0
Virginia Union University	27	0	0	0	0	0	0	0	0	0	0	0
Washington & Lee U	24	0	0	0	0	0	0	0	0	0	0	0
Washington, total	432,507	14,279	0	5,364	36,866	31,400	2,681	2,785	22,535	0	4,108	7,357
Bellevue CC	555	0	0	0	555	555	0	0	0	0	0	0
Central Washington U	294	0	0	0	0	0	0	0	0	0	0	0
Eastern Washington U	243	0	0	0	0	0	0	0	0	0	0	0
Evergreen State College	584	0	0	0	0	0	0	0	0	0	0	0
Gonzaga University	54	0	0	0	0	0	0	0	0	0	0	0
Heritage College	257	0	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Texas, continued:												
U of TX El Paso	0	1,675	0	384	0	0	0	1,439	2,134	0	0	0
U of TX Hlth Sci S Anto	0	47,304	0	0	0	0	0	378	636	0	0	0
U of TX Houston Hlth Sci	0	63,889	0	0	0	97	0	779	861	0	0	0
U of TX MD Anderson Cancr	0	75,074	0	0	0	0	0	696	303	0	0	0
U of TX Med Brnch Galvstn	0	48,265	0	0	0	0	0	657	468	0	0	0
U of TX Pan American	0	0	0	0	0	0	0	196	0	0	0	0
U of TX Permian Basin	0	0	0	0	0	0	0	0	0	0	0	0
U of TX SW Med Ctr Dals	0	97,308	0	0	0	0	0	520	235	0	0	0
U of TX San Antonio	0	3,016	0	0	0	0	0	195	675	0	0	0
U of TX System Office	0	2,286	0	0	0	0	0	0	0	0	0	0
U of TX Tyler	0	933	0	0	0	0	0	0	0	0	0	0
West Texas A&M U	0	0	0	0	0	0	0	0	0	0	0	0
Utah, total	0	86,683	0	1,127	0	0	0	5,996	24,521	0	0	0
Brigham Young U	0	1,787	0	108	0	0	0	87	3,249	0	0	0
Southern Utah University	0	0	0	27	0	0	0	0	0	0	0	0
University of Utah	0	81,375	0	476	0	0	0	1,210	18,072	0	0	0
Utah State University	0	3,521	0	516	0	0	0	4,699	3,200	0	0	0
Weber State University	0	0	0	0	0	0	0	0	0	0	0	0
Vermont, total	0	34,621	0	104	0	0	0	462	2,858	0	0	0
Middlebury College	0	322	0	0	0	0	0	77	300	0	0	0
University of Vermont	0	34,299	0	104	0	0	0	385	2,558	0	0	0
Virginia, total	0	132,255	199	1,642	828	0	0	21,174	38,573	100	1,677	3,751
Col William & Mary All C	0	217	0	8	0	0	0	1,018	3,711	0	0	0
Eastern VA Medical Schl	0	5,076	0	0	828	0	0	40	0	0	0	0
George Mason University	0	944	0	0	0	0	0	2,533	2,836	0	0	1,979
Hampton University	0	775	0	0	0	0	0	3,784	1,074	0	0	0
James Madison University	0	199	0	0	0	0	0	160	294	0	0	0
Norfolk State University	0	221	0	0	0	0	0	930	813	0	0	72
Old Dominion University	0	582	0	185	0	0	0	2,136	1,570	0	0	0
Roanoke College	0	0	0	0	0	0	0	40	43	0	0	0
Sweet Briar College	0	0	0	0	0	0	0	0	67	0	0	0
U of Richmond	0	390	0	0	0	0	0	0	681	0	0	0
U of Virginia	0	79,208	0	236	0	0	0	6,855	12,386	100	0	900
Virginia Commonwealth U	0	40,982	0	0	0	0	0	1,231	1,776	0	1,677	0
Virginia Military Inst	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Poly Inst & St U	0	3,318	199	1,213	0	0	0	2,447	13,298	0	0	800
Virginia State University	0	316	0	0	0	0	0	0	0	0	0	0
Virginia Union University	0	27	0	0	0	0	0	0	0	0	0	0
Washington & Lee U	0	0	0	0	0	0	0	0	24	0	0	0
Washington, total	0	274,622	0	2,792	0	258	0	8,121	54,701	0	0	1,504
Bellevue CC	0	0	0	0	0	0	0	0	0	0	0	0
Central Washington U	0	0	0	20	0	0	0	75	199	0	0	0
Eastern Washington U	0	93	0	47	0	0	0	0	103	0	0	0
Evergreen State College	0	0	0	0	0	0	0	0	584	0	0	0
Gonzaga University	0	0	0	0	0	0	0	0	54	0	0	0
Heritage College	0	0	0	0	0	0	0	257	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	Total	USDA	ARC	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
Washington, continued:												
Pacific Lutheran U	34	0	0	0	0	0	0	0	0	0	0	0
Seattle University	33	0	0	0	0	0	0	0	0	0	0	0
University of Puget Sound	32	0	0	0	0	0	0	0	0	0	0	0
University of Washington	385,745	4,547	0	5,312	29,098	23,642	2,681	2,775	17,722	0	4,108	6,678
Washington State U	42,379	9,732	0	52	6,290	6,290	0	0	4,813	0	0	679
Western Washington U	1,961	0	0	0	900	900	0	0	0	0	0	0
Whitman College	306	0	0	0	23	13	0	10	0	0	0	0
Whitworth College	30	0	0	0	0	0	0	0	0	0	0	0
West Virginia, total	25,080	5,203	0	325	1,560	1,459	0	101	868	0	0	0
Fairmont State College	141	10	0	0	0	0	0	0	0	0	0	0
Marshall U Graduate Col	3,273	10	0	0	0	0	0	0	0	0	0	0
Salem Teikyo University	69	0	0	0	0	0	0	0	0	0	0	0
WV University (Morgantwn)	18,607	5,183	0	325	1,560	1,459	0	101	868	0	0	0
Wheeling Jesuit U	2,990	0	0	0	0	0	0	0	0	0	0	0
Wisconsin, total	310,333	12,546	0	2,652	11,309	8,373	2,936	0	20,813	0	7,182	1,231
Edgewood College	29	0	0	0	29	29	0	0	0	0	0	0
Lawrence University	282	0	0	0	0	0	0	0	36	0	0	0
Marquette University	2,628	0	0	0	186	186	0	0	191	0	0	286
Medical Col of Wisconsin	52,414	0	0	0	0	0	0	0	0	0	373	555
Milwaukee School of Eng	126	0	0	0	0	0	0	0	0	0	0	0
Northland College	15	0	0	0	0	0	0	0	0	0	0	0
U of WI Colleges	3,902	0	0	1,044	0	0	0	0	1,097	0	0	0
U of WI Eau Claire	68	0	0	0	0	0	0	0	0	0	0	0
U of WI Green Bay	93	0	0	0	0	0	0	0	0	0	0	0
U of WI La Crosse	211	0	0	0	0	0	0	0	0	0	0	0
U of WI Madison	235,990	12,014	0	1,608	10,955	8,064	2,891	0	19,447	0	0	390
U of WI Milwaukee	6,591	0	0	0	45	0	45	0	42	0	150	0
U of WI Oshkosh	206	0	0	0	0	0	0	0	0	0	0	0
U of WI Parkside	88	0	0	0	0	0	0	0	0	0	0	0
U of WI Platteville	12	0	0	0	0	0	0	0	0	0	0	0
U of WI River Falls	32	32	0	0	0	0	0	0	0	0	0	0
U of WI Stevens Point	41	41	0	0	0	0	0	0	0	0	0	0
U of WI Stout	700	0	0	0	0	0	0	0	0	0	700	0
U of WI System Office	6,710	459	0	0	94	94	0	0	0	0	5,959	0
U of WI Whitewater	195	0	0	0	0	0	0	0	0	0	0	0
Wyoming, total	12,606	2,465	0	0	912	912	0	0	1,184	0	0	0
University of Wyoming	12,606	2,465	0	0	912	912	0	0	1,184	0	0	0
American Samoa, total	702	702	0	0	0	0	0	0	0	0	0	0
American Samoa CC	702	702	0	0	0	0	0	0	0	0	0	0
Guam, total	1,363	1,126	0	0	0	0	0	0	0	0	0	0
University of Guam	1,363	1,126	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	GSA	HHS	HUD	Int	AID 2	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Washington, continued:												
Pacific Lutheran U	0	0	0	0	0	0	0	0	34	0	0	0
Seattle University	0	0	0	0	0	0	0	0	33	0	0	0
University of Puget Sound	0	0	0	0	0	0	0	32	0	0	0	0
University of Washington	0	261,409	0	2,341	0	258	0	7,045	45,723	0	0	1,504
Washington State U	0	12,992	0	384	0	0	0	655	6,782	0	0	0
Western Washington U	0	128	0	0	0	0	0	0	933	0	0	0
Whitman College	0	0	0	0	0	0	0	57	226	0	0	0
Whitworth College	0	0	0	0	0	0	0	0	30	0	0	0
West Virginia, total	0	8,369	0	211	0	2,800	0	3,363	131	0	0	2,250
Fairmont State College	0	0	0	0	0	0	0	0	131	0	0	0
Marshall U Graduate Col	0	1,561	0	0	0	0	0	52	0	0	0	1,650
Salem Teikyo University	0	69	0	0	0	0	0	0	0	0	0	0
WV University (Morgantwn)	0	6,739	0	211	0	0	0	3,121	0	0	0	600
Wheeling Jesuit U	0	0	0	0	0	2,800	0	190	0	0	0	0
Wisconsin, total	0	196,697	15	1,482	0	0	49	12,139	42,809	16	0	1,393
Edgewood College	0	0	0	0	0	0	0	0	0	0	0	0
Lawrence University	0	177	0	0	0	0	0	0	69	0	0	0
Marquette University	0	1,127	0	0	0	0	0	115	723	0	0	0
Medical Col of Wisconsin	0	50,503	0	0	0	0	0	261	172	0	0	550
Milwaukee School of Eng	0	0	0	0	0	0	0	0	126	0	0	0
Northland College	0	0	0	15	0	0	0	0	0	0	0	0
U of WI Colleges	0	294	0	1,467	0	0	0	0	0	0	0	0
U of WI Eau Claire	0	0	0	0	0	0	0	0	68	0	0	0
U of WI Green Bay	0	93	0	0	0	0	0	0	0	0	0	0
U of WI La Crosse	0	95	0	0	0	0	0	0	116	0	0	0
U of WI Madison	0	141,328	15	0	0	0	25	11,494	37,855	16	0	843
U of WI Milwaukee	0	2,758	0	0	0	0	24	219	3,353	0	0	0
U of WI Oshkosh	0	0	0	0	0	0	0	38	168	0	0	0
U of WI Parkside	0	88	0	0	0	0	0	0	0	0	0	0
U of WI Platteville	0	0	0	0	0	0	0	12	0	0	0	0
U of WI River Falls	0	0	0	0	0	0	0	0	0	0	0	0
U of WI Stevens Point	0	0	0	0	0	0	0	0	0	0	0	0
U of WI Stout	0	0	0	0	0	0	0	0	0	0	0	0
U of WI System Office	0	198	0	0	0	0	0	0	0	0	0	0
U of WI Whitewater	0	36	0	0	0	0	0	0	159	0	0	0
Wyoming, total	0	1,082	0	518	0	0	0	450	5,850	0	0	145
University of Wyoming	0	1,082	0	518	0	0	0	450	5,850	0	0	145
American Samoa, total	0	0	0	0	0	0	0	0	0	0	0	0
American Samoa CC	0	0	0	0	0	0	0	0	0	0	0	0
Guam, total	0	32	0	205	0	0	0	0	0	0	0	0
University of Guam	0	32	0	205	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

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State and institution	Total	USDA	ARC	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced technology	Major systems				
Puerto Rico, total	41,958	4,526	0	644	1,425	1,425	0	0	985	0	180	0
American U Puerto Rico	12	12	0	0	0	0	0	0	0	0	0	0
Inter Am U PR Ctrl Off	75	0	0	0	0	0	0	0	0	0	0	0
Ponce School of Medicine	2,344	0	0	0	0	0	0	0	0	0	0	0
Pont Cath U of PR, The	92	0	0	0	0	0	0	0	0	0	0	0
U Central Del Caribe	4,702	0	0	0	0	0	0	0	0	0	0	0
U Del Turabo	75	0	0	0	0	0	0	0	0	0	0	0
U Metropolitana	1,392	26	0	0	0	0	0	0	0	0	0	0
U Politecnica Puerto Rico	638	0	0	638	0	0	0	0	0	0	0	0
U of PR Cayey U Col	292	0	0	0	0	0	0	0	0	0	0	0
U of PR Humacao U Col	694	0	0	0	352	352	0	0	0	0	0	0
U of PR Mayaguez	9,445	4,488	0	0	515	515	0	0	36	0	0	0
U of PR Medical Sci	11,788	0	0	0	0	0	0	0	0	0	0	0
U of PR Rio Piedras	4,573	0	0	0	0	0	0	0	0	0	0	0
University of PR System	5,836	0	0	6	558	558	0	0	949	0	180	0
Trust Territory of the Pacific Islands, total	1,443	1,403	0	40	0	0	0	0	0	0	0	0
Col of Micronesia FSM	735	735	0	0	0	0	0	0	0	0	0	0
Northern Marianas College	708	668	0	40	0	0	0	0	0	0	0	0
Virgin Islands, total	1,241	1,016	0	90	0	0	0	0	0	0	0	0
U of the Virgin Islands	1,241	1,016	0	90	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

[To increase readability, agencies span two pages and institutions are repeated on facing pages.]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Puerto Rico, total	0	22,703	0	97	0	0	0	2,957	8,367	0	0	74
American U Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0
Inter Am U PR Ctrl Off	0	0	0	0	0	0	0	0	75	0	0	0
Ponce School of Medicine	0	2,344	0	0	0	0	0	0	0	0	0	0
Pont Cath U of PR, The	0	92	0	0	0	0	0	0	0	0	0	0
U Central Del Caribe	0	4,702	0	0	0	0	0	0	0	0	0	0
U Del Turabo	0	0	0	0	0	0	0	75	0	0	0	0
U Metropolitana	0	109	0	0	0	0	0	0	1,257	0	0	0
U Politecnica Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0
U of PR Cayey U Col	0	292	0	0	0	0	0	0	0	0	0	0
U of PR Humacao U Col	0	228	0	0	0	0	0	0	114	0	0	0
U of PR Mayaguez	0	0	0	97	0	0	0	2,657	1,652	0	0	0
U of PR Medical Sci	0	11,788	0	0	0	0	0	0	0	0	0	0
U of PR Rio Piedras	0	3,148	0	0	0	0	0	225	1,200	0	0	0
University of PR System	0	0	0	0	0	0	0	0	4,069	0	0	74
Trust Territory of the Pacific Islands, total	0	0	0	0	0	0	0	0	0	0	0	0
Col of Micronesia FSM	0	0	0	0	0	0	0	0	0	0	0	0
Northern Marianas College	0	0	0	0	0	0	0	0	0	0	0	0
Virgin Islands, total	0	67	0	68	0	0	0	0	0	0	0	0
U of the Virgin Islands	0	67	0	68	0	0	0	0	0	0	0	0

[1] The Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies.

[2] The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the FY 1999 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995-1998 surveys. Any significant differences between AID's data reported for FYs 1995-1999 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-1999 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

KEY:
USDA = Department of Agriculture
BEP = Bureau of Engraving and Printing
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
DOS = Department of State
ED = Department of Education
EPA = Environmental Protection Agency
GSA = General Services Administration
HHS = Department of Health and Human Services
HUD = Department of Housing and Urban Development
Int = Department of Interior
AID = Agency for International Development
OJP = Office of Justice Programs
Labor = Department of Labor
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
NRC = Nuclear Regulatory Commission
SSA = Social Security Administration
DOT = Department of Transportation

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

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Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
United States, total	172,652	0	3,313	49	0	9,542	0	31,784	0	4,134	122,746	1,084
Alabama, total	5,157	0	0	0	0	0	0	1,000	0	4,000	157	0
U of AL Birmingham, The	1,051	0	0	0	0	0	0	1,000	0	0	51	0
U of AL Huntsville, The	4,000	0	0	0	0	0	0	0	0	4,000	0	0
U of Alabama, The	106	0	0	0	0	0	0	0	0	0	106	0
Arizona, total	664	0	0	0	0	0	0	0	0	0	664	0
Northern Arizona U	174	0	0	0	0	0	0	0	0	0	174	0
University of Arizona	490	0	0	0	0	0	0	0	0	0	490	0
Arkansas, total	478	0	466	0	0	0	0	0	0	0	0	12
Cossatot Tech College	466	0	466	0	0	0	0	0	0	0	0	0
U of Arkansas Main	12	0	0	0	0	0	0	0	0	0	0	12
California, total	26,218	0	0	0	0	100	0	5,356	0	0	20,756	6
CA Inst of Technology	347	0	0	0	0	0	0	0	0	0	347	0
CA St U Long Beach	139	0	0	0	0	0	0	0	0	0	139	0
CA St U Los Angeles	128	0	0	0	0	0	0	128	0	0	0	0
CA St U Northridge	110	0	0	0	0	0	0	0	0	0	110	0
San Jose State University	235	0	0	0	0	0	0	0	0	0	232	3
Stanford University	1,716	0	0	0	0	0	0	0	0	0	1,716	0
U of CA Berkeley	1,117	0	0	0	0	0	0	0	0	0	1,114	3
U of CA Davis	1,965	0	0	0	0	0	0	700	0	0	1,265	0
U of CA Irvine	2,089	0	0	0	0	55	0	1,000	0	0	1,034	0
U of CA Los Angeles	2,203	0	0	0	0	0	0	1,000	0	0	1,203	0
U of CA Riverside	608	0	0	0	0	0	0	0	0	0	608	0
U of CA San Diego	13,074	0	0	0	0	0	0	950	0	0	12,124	0
U of CA Santa Barbara	560	0	0	0	0	0	0	0	0	0	560	0
U of CA Santa Cruz	162	0	0	0	0	45	0	0	0	0	117	0
U of Southern California	1,765	0	0	0	0	0	0	1,578	0	0	187	0
Colorado, total	19,020	0	0	0	0	0	0	1,000	0	0	18,008	12
Colorado School of Mines	383	0	0	0	0	0	0	0	0	0	383	0
Colorado State University	1,911	0	0	0	0	0	0	1,000	0	0	911	0
U Corp for Atmosph Rsch	15,727	0	0	0	0	0	0	0	0	0	15,727	0
U of Colorado	560	0	0	0	0	0	0	0	0	0	560	0
U of Denver	439	0	0	0	0	0	0	0	0	0	427	12
Connecticut, total	1,909	0	0	0	0	275	0	1,000	0	0	634	0
Yale University	1,909	0	0	0	0	275	0	1,000	0	0	634	0
Delaware, total	929	0	0	0	0	0	0	0	0	0	929	0
Delaware State University	132	0	0	0	0	0	0	0	0	0	132	0
U of Delaware	797	0	0	0	0	0	0	0	0	0	797	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other[1]
District of Columbia, total	935	0	0	0	0	317	0	618	0	0	0	0
Georgetown University	618	0	0	0	0	0	0	618	0	0	0	0
Howard University	317	0	0	0	0	317	0	0	0	0	0	0
Florida, total	2,079	0	0	0	0	0	0	0	0	0	2,001	78
Florida International U	524	0	0	0	0	0	0	0	0	0	524	0
University of Central FL	77	0	0	0	0	0	0	0	0	0	0	77
University of Florida	1,311	0	0	0	0	0	0	0	0	0	1,311	0
University of South FL	167	0	0	0	0	0	0	0	0	0	166	1
Georgia, total	1,427	0	0	0	0	0	0	700	0	0	727	0
Emory University	1,222	0	0	0	0	0	0	700	0	0	522	0
Georgia Inst of Tech	205	0	0	0	0	0	0	0	0	0	205	0
Hawaii, total	625	0	625	0	0	0	0	0	0	0	0	0
U of Hawaii Hilo	625	0	625	0	0	0	0	0	0	0	0	0
Idaho, total	57	0	0	0	0	0	0	0	0	0	0	57
University of Idaho	57	0	0	0	0	0	0	0	0	0	0	57
Illinois, total	16,880	0	0	0	0	0	0	0	0	0	16,880	0
Northwestern University	731	0	0	0	0	0	0	0	0	0	731	0
U of IL Urbana-Champaign	14,019	0	0	0	0	0	0	0	0	0	14,019	0
University of Chicago	2,130	0	0	0	0	0	0	0	0	0	2,130	0
Indiana, total	4,163	0	0	0	0	325	0	1,249	0	0	2,555	34
Indiana U	2,234	0	0	0	0	0	0	249	0	0	1,985	0
Purdue University	1,034	0	0	0	0	0	0	1,000	0	0	0	34
University of Notre Dame	873	0	0	0	0	325	0	0	0	0	548	0
Valparaiso University	22	0	0	0	0	0	0	0	0	0	22	0
Iowa, total	688	0	0	0	0	43	0	0	0	0	645	0
Iowa State University	666	0	0	0	0	21	0	0	0	0	645	0
University of Iowa	22	0	0	0	0	22	0	0	0	0	0	0
Kansas, total	1,906	0	0	0	0	250	0	1,000	0	0	656	0
Kansas State University	511	0	0	0	0	250	0	0	0	0	261	0
University of Kansas	1,395	0	0	0	0	0	0	1,000	0	0	395	0
Kentucky, total	131	0	0	0	0	0	0	0	0	0	131	0
U of Kentucky All Cmp	131	0	0	0	0	0	0	0	0	0	131	0
Louisiana, total	1,415	0	0	0	0	0	0	536	0	0	879	0
LA St U All Campuses	240	0	0	0	0	0	0	0	0	0	240	0
Tulane University	639	0	0	0	0	0	0	0	0	0	639	0
U of Louisiana Lafayette	536	0	0	0	0	0	0	536	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Maine, total	515	0	0	0	0	0	0	0	0	0	515	0
U of Maine	515	0	0	0	0	0	0	0	0	0	515	0
Maryland, total	855	0	0	0	0	21	0	0	0	0	791	43
Johns Hopkins University	291	0	0	0	0	0	0	0	0	0	291	0
Morgan State University	43	0	0	0	0	0	0	0	0	0	0	43
Towson University	101	0	0	0	0	0	0	0	0	0	101	0
U of MD College Park	420	0	0	0	0	21	0	0	0	0	399	0
Massachusetts, total	17,440	0	0	0	0	6,366	0	1,300	0	0	9,666	108
Assumption College	106	0	0	0	0	0	0	0	0	0	0	106
Boston University	1,208	0	0	0	0	125	0	0	0	0	1,083	0
Brandeis University	800	0	0	0	0	0	0	0	0	0	800	0
Harvard University	311	0	0	0	0	0	0	311	0	0	0	0
MA Inst of Technology	6,699	0	0	0	0	6,241	0	0	0	0	456	2
Northeastern University	5,509	0	0	0	0	0	0	0	0	0	5,509	0
Tufts University	1,096	0	0	0	0	0	0	989	0	0	107	0
U of MA Amherst	251	0	0	0	0	0	0	0	0	0	251	0
Wellesley College	226	0	0	0	0	0	0	0	0	0	226	0
Woods Hole Ocean Inst	1,102	0	0	0	0	0	0	0	0	0	1,102	0
Worcester Polytech Inst	132	0	0	0	0	0	0	0	0	0	132	0
Michigan, total	3,823	0	0	0	0	395	0	850	0	0	2,578	0
Central Michigan U	133	0	0	0	0	0	0	0	0	0	133	0
Michigan State University	970	0	0	0	0	200	0	0	0	0	770	0
Michigan Tech University	199	0	0	0	0	0	0	0	0	0	199	0
U of Michigan	2,222	0	0	0	0	195	0	850	0	0	1,177	0
Wayne State University	299	0	0	0	0	0	0	0	0	0	299	0
Minnesota, total	123	0	0	0	0	0	0	0	0	0	21	102
College of St Benedict	21	0	0	0	0	0	0	0	0	0	21	0
U of Minnesota	102	0	0	0	0	0	0	0	0	0	0	102
Mississippi, total	1,231	0	0	0	0	8	0	1,000	0	0	223	0
Alcorn State University	34	0	0	0	0	0	0	0	0	0	34	0
U of Mississippi	1,197	0	0	0	0	8	0	1,000	0	0	189	0
Missouri, total	1,590	0	0	0	0	0	0	0	0	0	1,581	9
U of Missouri Columbia	373	0	0	0	0	0	0	0	0	0	373	0
U of Missouri Rolla	9	0	0	0	0	0	0	0	0	0	0	9
Washington University	1,208	0	0	0	0	0	0	0	0	0	1,208	0
Montana, total	507	0	0	0	0	0	0	58	0	0	274	175
Montana State U Billings	70	0	0	0	0	0	0	0	0	0	70	0
Montana State U Bozeman	233	0	0	0	0	0	0	58	0	0	0	175
Montana Tech of U of MT	204	0	0	0	0	0	0	0	0	0	204	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Nevada, total	553	0	0	0	0	0	0	0	0	0	553	0
Desert Research Institute	296	0	0	0	0	0	0	0	0	0	296	0
U of Nevada Las Vegas	137	0	0	0	0	0	0	0	0	0	137	0
U of Nevada Reno	120	0	0	0	0	0	0	0	0	0	120	0
New Hampshire, total	496	0	0	0	0	0	0	0	0	0	496	0
Dartmouth College	332	0	0	0	0	0	0	0	0	0	332	0
U of NH Durham	164	0	0	0	0	0	0	0	0	0	164	0
New Jersey, total	2,583	0	1,800	0	0	0	0	0	0	0	739	44
New Jersey Inst of Tech	2,047	0	1,800	0	0	0	0	0	0	0	210	37
Princeton University	309	0	0	0	0	0	0	0	0	0	309	0
Rutgers St U of NJ	116	0	0	0	0	0	0	0	0	0	109	7
Stevens Institute of Tech	111	0	0	0	0	0	0	0	0	0	111	0
New Mexico, total	333	0	0	49	0	0	0	0	0	0	284	0
New Mexico St U	188	0	0	49	0	0	0	0	0	0	139	0
U of New Mexico	145	0	0	0	0	0	0	0	0	0	145	0
New York, total	22,934	0	0	0	0	0	0	1,384	0	0	21,546	4
CUNY Graduate Center	12	0	0	0	0	0	0	0	0	0	12	0
CUNY System Office	4	0	0	0	0	0	0	0	0	0	0	4
Columbia U City New York	17,770	0	0	0	0	0	0	1,000	0	0	16,770	0
Cornell University	2,917	0	0	0	0	0	0	0	0	0	2,917	0
NY University	266	0	0	0	0	0	0	0	0	0	266	0
Polytechnic University	148	0	0	0	0	0	0	0	0	0	148	0
Rensselaer Polytech Inst	696	0	0	0	0	0	0	0	0	0	696	0
SUNY Hlth Sci Ctr Brklyn	102	0	0	0	0	0	0	102	0	0	0	0
SUNY at Stony Brook	600	0	0	0	0	0	0	282	0	0	318	0
Syracuse University	167	0	0	0	0	0	0	0	0	0	167	0
University of Rochester	252	0	0	0	0	0	0	0	0	0	252	0
North Carolina, total	1,280	0	0	0	0	200	0	700	0	0	286	94
Bennett Col (Greensboro)	26	0	0	0	0	0	0	0	0	0	26	0
Duke University	460	0	0	0	0	200	0	0	0	0	260	0
NC Ag & Tech State U	83	0	0	0	0	0	0	0	0	0	0	83
NC State U	11	0	0	0	0	0	0	0	0	0	0	11
U of NC Chapel Hill	700	0	0	0	0	0	0	700	0	0	0	0
North Dakota, total	736	0	0	0	0	0	0	717	0	0	0	19
North Dakota St U	19	0	0	0	0	0	0	0	0	0	0	19
U of North Dakota	717	0	0	0	0	0	0	717	0	0	0	0
Ohio, total	3,337	0	0	0	0	0	0	3,031	0	134	172	0
Bowling Gr St U	134	0	0	0	0	0	0	0	0	134	0	0
College of Wooster	67	0	0	0	0	0	0	0	0	0	67	0
Ohio State U	886	0	0	0	0	0	0	886	0	0	0	0
Ohio University	1,396	0	0	0	0	0	0	1,396	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Ohio, continued:												
U of Akron	105	0	0	0	0	0	0	0	0	0	105	0
U of Cincinnati	749	0	0	0	0	0	0	749	0	0	0	0
Oklahoma, total	890	0	0	0	0	0	0	394	0	0	496	0
Oklahoma St U	144	0	0	0	0	0	0	0	0	0	144	0
U of Oklahoma	746	0	0	0	0	0	0	394	0	0	352	0
Oregon, total	2,201	0	0	0	0	0	0	1,635	0	0	566	0
Lewis & Clark College	42	0	0	0	0	0	0	0	0	0	42	0
Oregon Hlth Sciences U	1,542	0	0	0	0	0	0	1,542	0	0	0	0
Oregon State University	524	0	0	0	0	0	0	0	0	0	524	0
University of Oregon	93	0	0	0	0	0	0	93	0	0	0	0
Pennsylvania, total	7,527	0	0	0	0	0	0	1,649	0	0	5,856	22
Carnegie Mellon U	1,654	0	0	0	0	0	0	0	0	0	1,654	0
Dickinson College	162	0	0	0	0	0	0	0	0	0	162	0
Drexel University	200	0	0	0	0	0	0	0	0	0	200	0
Lehigh University	23	0	0	0	0	0	0	0	0	0	23	0
PA St U University Park	2,741	0	0	0	0	0	0	312	0	0	2,407	22
U of Pennsylvania	1,200	0	0	0	0	0	0	0	0	0	1,200	0
U of Pittsburgh	1,547	0	0	0	0	0	0	1,337	0	0	210	0
Rhode Island, total	1,774	0	0	0	0	0	0	0	0	0	1,662	112
Brown University	1,662	0	0	0	0	0	0	0	0	0	1,662	0
U of Rhode Island	112	0	0	0	0	0	0	0	0	0	0	112
South Carolina, total	2,078	0	0	0	0	0	0	1,000	0	0	1,072	6
Clemson University	632	0	0	0	0	0	0	0	0	0	632	0
Medical U of S Carolina	1,000	0	0	0	0	0	0	1,000	0	0	0	0
SC State University	6	0	0	0	0	0	0	0	0	0	0	6
U of SC All Campuses	440	0	0	0	0	0	0	0	0	0	440	0
South Dakota, total	62	0	0	0	0	0	0	0	0	0	62	0
Black Hills State U	62	0	0	0	0	0	0	0	0	0	62	0
Tennessee, total	297	0	0	0	0	0	0	149	0	0	134	14
Meharry Medical College	149	0	0	0	0	0	0	149	0	0	0	0
Middle TN State U	134	0	0	0	0	0	0	0	0	0	134	0
U of Tennessee Knoxville	14	0	0	0	0	0	0	0	0	0	0	14
Texas, total	3,892	0	0	0	0	252	0	853	0	0	2,775	12
Rice University	614	0	0	0	0	0	0	0	0	0	614	0
Texas A&M U	1,774	0	0	0	0	252	0	0	0	0	1,510	12
Texas Tech University	213	0	0	0	0	0	0	0	0	0	213	0
U of TX Austin	438	0	0	0	0	0	0	0	0	0	438	0
U of TX Med Brnch Galvstn	853	0	0	0	0	0	0	853	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Utah, total	877	0	0	0	0	0	0	0	0	0	877	0
University of Utah	877	0	0	0	0	0	0	0	0	0	877	0
Vermont, total	260	0	0	0	0	0	0	0	0	0	260	0
University of Vermont	260	0	0	0	0	0	0	0	0	0	260	0
Virginia, total	2,550	0	0	0	0	0	0	1,512	0	0	1,003	35
Col William & Mary All C	462	0	0	0	0	0	0	0	0	0	462	0
George Mason University	341	0	0	0	0	0	0	0	0	0	306	35
Old Dominion University	235	0	0	0	0	0	0	0	0	0	235	0
U of Virginia	1,512	0	0	0	0	0	0	1,512	0	0	0	0
Washington, total	3,383	0	0	0	0	990	0	2,393	0	0	0	0
University of Washington	3,383	0	0	0	0	990	0	2,393	0	0	0	0
West Virginia, total	73	0	0	0	0	0	0	0	0	0	0	73
Marshall U Graduate Col	73	0	0	0	0	0	0	0	0	0	0	73
Wisconsin, total	2,166	0	0	0	0	0	0	0	0	0	2,153	13
U of WI Madison	1,833	0	0	0	0	0	0	0	0	0	1,820	13
U of WI Milwaukee	333	0	0	0	0	0	0	0	0	0	333	0
Puerto Rico, total	1,567	0	422	0	0	0	0	700	0	0	445	0
U Politecnica Puerto Rico	422	0	422	0	0	0	0	0	0	0	0	0
U of PR Mayaguez	445	0	0	0	0	0	0	0	0	0	445	0
U of PR Medical Sci	700	0	0	0	0	0	0	700	0	0	0	0
Virgin Islands, total	38	0	0	0	0	0	0	0	0	0	38	0
U of the Virgin Islands	38	0	0	0	0	0	0	0	0	0	38	0

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, State, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

NOTE: See Technical Notes, "Categories of Support."

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-19. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received in fiscal year 1999: fiscal years 1992-1999

[Dollars in thousands]

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Institution and ranking	1992	1993	1994	1995	1996	1997	1998	1999
Total, all institutions	244,353	232,667	281,378	328,787	286,388	327,321	292,991	326,427
1 Howard University	25,229	24,967	25,105	34,693	33,860	29,987	28,079	29,960
2 Florida A&M University	12,046	14,052	17,737	15,483	16,743	21,546	23,644	21,433
3 Morehouse School of Med	8,563	4,300	11,662	9,817	13,923	27,565	13,591	19,589
4 NC Ag & Tech State U	11,872	15,386	17,519	18,124	15,647	16,384	15,849	15,156
5 Clark Atlanta University	29,449	22,439	25,753	23,034	15,272	14,055	13,163	15,063
6 Tuskegee University	8,613	9,204	10,742	17,071	11,845	9,946	10,662	14,109
7 Hampton University	7,247	6,362	11,975	11,834	11,163	15,485	11,968	13,397
8 Tennessee State U	9,185	8,189	10,745	12,205	11,951	12,592	12,067	13,327
9 Xavier U of Louisiana	3,822	1,891	2,711	3,771	4,504	6,252	5,217	12,663
10 Jackson State University	6,478	8,717	5,532	8,539	6,084	3,866	8,757	12,648
Total 1st 10 institutions	122,504	115,507	139,481	154,571	140,992	157,678	142,997	167,345
11 Prairie View A&M U	7,891	8,103	9,938	13,572	8,061	13,484	10,995	11,922
12 Meharry Medical College	12,464	7,944	14,923	12,868	12,577	11,645	8,498	11,471
13 Southern U A&M All Cmp	6,117	7,139	8,964	11,079	10,684	8,815	11,932	10,795
14 Alabama A & M University	10,296	9,085	10,020	10,149	8,747	12,093	8,111	8,687
15 Morgan State University	3,294	2,677	6,825	5,331	5,674	6,189	11,494	8,360
16 Alcorn State University	4,648	4,124	3,774	4,588	4,989	4,847	5,418	6,741
17 Spelman College	2,362	2,859	2,401	6,184	2,598	8,604	4,167	6,125
18 Lincoln U (Jeffersn City)	5,164	5,037	5,891	5,204	4,929	5,069	5,498	5,546
19 Fort Valley State U	4,629	4,793	4,640	5,105	4,660	4,546	5,128	5,349
20 SC State University	4,957	4,677	6,597	11,901	4,375	6,592	4,523	5,266
Total 1st 20 institutions	184,326	171,945	213,454	240,552	208,286	239,562	218,761	247,607
21 Virginia State University	5,423	4,609	4,943	5,511	4,366	6,703	5,417	4,982
22 Kentucky State University	5,111	5,285	5,686	5,339	5,584	5,132	5,201	4,964
23 U of Arkansas Pine Bluff	4,431	4,714	4,322	4,449	4,947	6,158	5,280	4,520
24 Bowie State University	378	731	320	2,174	1,517	2,584	3,385	4,335
25 Langston University	4,021	3,719	2,993	3,993	3,441	4,313	4,138	4,014
26 Morehouse College	3,200	2,464	4,047	9,539	8,964	2,923	6,853	3,809
27 University of DC	3,988	3,388	4,581	4,525	3,879	4,440	3,468	3,565
28 U of MD Eastern Shore	3,795	3,830	3,423	4,339	3,602	5,911	5,661	3,368
29 Norfolk State University	928	693	1,015	1,434	1,372	2,353	2,609	3,264
30 Grambling State U	1,560	708	909	4,376	3,674	2,267	1,065	2,964
Total 1st 30 institutions	217,161	202,086	245,693	286,231	249,632	282,346	261,838	287,392
31 NC Central University	813	713	1,254	1,299	1,703	1,012	910	2,947
32 Texas Southern U	3,840	3,338	4,912	4,769	2,963	4,307	890	2,544
33 Delaware State University	2,499	2,824	2,622	2,529	2,848	3,601	2,692	2,535
34 Fisk University	1,482	1,761	2,259	2,396	1,993	3,551	2,914	2,512
35 Bethune Cookman College	574	673	517	632	958	2,318	1,855	2,281
36 Benedict College	898	191	816	813	1,073	1,980	1,368	2,227
37 Elizabeth City State U	70	257	575	1,135	1,279	2,244	1,353	2,226
38 U of the Virgin Islands	2,405	2,972	2,824	3,200	2,005	2,400	1,363	1,901
39 Mississippi Valley St U	746	779	701	645	0	930	867	1,213
40 Winston Salem State U	691	378	650	1,195	1,582	1,501	1,302	1,204
Total 1st 40 institutions	231,179	215,972	262,823	304,844	266,036	306,190	277,352	308,982
41 Le Moyne Owen College	50	69	0	1,026	0	1,033	765	1,158
42 Tougaloo College	598	744	494	804	354	680	586	1,152
43 Wilberforce University	11	433	477	482	244	153	185	1,078
44 Alabama State University	771	712	695	780	824	1,053	367	1,070
45 Albany State University	683	134	627	376	482	213	526	1,047
46 Central State U (Wlbrfc)	869	1,291	1,992	1,668	6,452	5,207	64	1,023
47 Lincoln U (Linc U PA)	902	1,532	2,368	1,782	903	998	1,362	1,017
48 Johnson C Smith U	562	42	557	2,386	971	682	844	922
49 Bennett Col (Greensboro)	500	710	642	1,593	131	1,314	545	790
50 Stillman College	294	564	374	651	350	616	454	722
Total 1st 50 institutions	236,419	222,203	271,049	316,392	276,747	318,139	283,050	318,971

See explanatory information, if any, and SOURCE at end of table.

Table B-19. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received in fiscal year 1999: fiscal years 1992-1999

[Dollars in thousands]

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Institution and ranking	1992	1993	1994	1995	1996	1997	1998	1999
51 Savannah State University	308	365	212	609	454	221	1,996	682
52 Coppin State College	167	500	553	427	379	325	568	667
53 Oakwood College	424	564	449	493	444	49	562	570
54 Miles College	0	7	0	132	64	254	17	563
55 Fayetteville State U	580	185	680	819	1,246	1,257	1,124	556
56 Virginia Union University	161	484	397	405	451	319	567	516
57 Talladega College	332	1,004	1,013	1,020	504	502	579	449
58 Morris Brown College	1,525	1,223	1,278	1,966	2,468	930	843	375
59 Interdenomintnl Theo Ctr	0	0	0	0	0	0	0	300
60 Wiley College	194	199	263	344	607	246	273	285
Total 1st 60 institutions	240,110	226,734	275,894	322,607	283,364	322,242	289,579	323,934
61 Claflin College	577	227	655	277	358	477	251	259
62 Concordia College (Selma)	0	0	0	210	210	218	223	229
63 Rust College	634	636	563	846	104	246	210	226
64 Lawson State CC	0	0	0	0	0	20	0	200
65 Jarvis Christian College	502	219	272	393	247	262	244	156
66 Edward Waters College	0	0	300	300	100	200	50	150
67 Shaw University	296	1,480	221	773	367	1,167	390	148
68 Florida Memorial College	0	0	0	57	55	260	453	145
69 Voorhees College	164	324	297	380	236	563	397	138
70 Harris Stowe State Col	3	4	0	4	88	70	0	131
Total 1st 70 institutions	242,286	229,624	278,202	325,847	285,129	325,725	291,797	325,716
71 St Augustines College	0	0	0	0	38	292	218	117
72 Trenholm State Tech Col	0	24	202	175	180	185	191	100
73 Philander Smith College	119	0	230	175	45	94	97	99
74 Barber Scotia College	0	238	46	158	50	65	149	91
75 Morris College	63	132	65	147	54	62	135	66
76 Paul Quinn College	0	0	0	0	0	138	57	51
77 Hinds CC Raymond	195	369	272	55	0	1	45	45
78 Dillard University	205	120	349	702	228	103	24	43
79 Bishop State CC	0	0	0	0	0	180	119	35
80 Lane College	370	423	294	25	22	0	0	26
Total 1st 80 institutions	243,238	230,930	279,660	327,284	285,746	326,845	292,832	326,389
81 Shelton State CC	0	0	0	0	0	0	0	21
82 Livingstone College	47	306	267	198	78	195	113	17
Bluefield State College	0	83	0	15	0	0	0	0
C A Fredd St Tech Col	268	0	0	0	0	0	0	0
Huston Tillotson College	0	8	0	192	148	0	0	0
J F Drake St Tech Col	0	0	0	0	0	0	14	0
Knoxville College	0	334	247	345	197	0	0	0
Lewis College of Business	98	0	0	0	0	0	0	0
Mary Holmes College	8	0	0	0	0	0	0	0
Paine College	40	0	155	39	27	32	32	0
Total 1st 90 institutions	243,699	231,661	280,329	328,073	286,196	327,072	292,991	326,427
Selma University	380	643	732	141	138	0	0	0
Shorter Col (N Little Rk)	0	0	0	0	0	68	0	0
Southwestern Chrstn Col	0	0	124	91	54	0	0	0
St Pauls Col (Lawrencevl)	92	0	193	297	0	181	0	0
WV State College	182	363	0	185	0	0	0	0
Total 1st 95 institutions	244,353	232,667	281,378	328,787	286,388	327,321	292,991	326,427

NOTE: Institutions having no FY 1999 obligations are listed in alphabetical order.

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-20. Federal obligations for science and engineering (S&E) to historically black colleges and universities, ranked by total amount received, by type of activity: fiscal year 1999

[Dollars in thousands]

Page 1 of 3

Institution and ranking	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Total, all institutions	326,427	194,648	828	207	28,347	27,552	74,845
1 Howard University	29,960	22,270	317	0	1,996	1,192	4,185
2 Florida A&M University	21,433	12,845	0	0	510	2,002	6,076
3 Morehouse School of Med	19,589	15,479	0	0	766	3,344	0
4 NC Ag & Tech State U	15,156	9,264	83	0	927	693	4,189
5 Clark Atlanta University	15,063	10,065	0	0	735	1,986	2,277
6 Tuskegee University	14,109	10,253	0	50	644	502	2,660
7 Hampton University	13,397	8,841	0	0	1,706	0	2,850
8 Tennessee State U	13,327	5,914	0	0	1,220	696	5,497
9 Xavier U of Louisiana	12,663	7,480	0	0	674	1,613	2,896
10 Jackson State University	12,648	8,601	0	0	1,126	1,544	1,377
Total 1st 10 institutions	167,345	111,012	400	50	10,304	13,572	32,007
11 Prairie View A&M U	11,922	7,763	0	1	190	423	3,545
12 Meharry Medical College	11,471	7,016	149	0	1,820	2,355	131
13 Southern U A&M All Cmp	10,795	5,652	0	0	1,655	1,436	2,052
14 Alabama A & M University	8,687	5,987	0	0	374	187	2,139
15 Morgan State University	8,360	5,047	43	0	991	623	1,656
16 Alcorn State University	6,741	2,946	34	0	752	932	2,077
17 Spelman College	6,125	1,931	0	0	1,591	0	2,603
18 Lincoln U (Jeffersn City)	5,546	2,031	0	131	371	449	2,564
19 Fort Valley State U	5,349	2,761	0	0	186	235	2,167
20 SC State University	5,266	2,777	6	0	543	142	1,798
Total 1st 20 institutions	247,607	154,923	632	182	18,777	20,354	52,739
21 Virginia State University	4,982	2,543	0	0	190	204	2,045
22 Kentucky State University	4,964	2,647	0	4	187	119	2,007
23 U of Arkansas Pine Bluff	4,520	2,278	0	0	282	232	1,728
24 Bowie State University	4,335	1,337	0	0	0	0	2,998
25 Langston University	4,014	1,872	0	0	289	212	1,641
26 Morehouse College	3,809	1,252	0	0	1,810	162	585
27 University of DC	3,565	958	0	0	299	1,069	1,239
28 U of MD Eastern Shore	3,368	1,561	0	0	425	0	1,382
29 Norfolk State University	3,264	2,318	0	0	100	280	566
30 Grambling State U	2,964	2,575	0	0	389	0	0
Total 1st 30 institutions	287,392	174,264	632	186	22,748	22,632	66,930
31 NC Central University	2,947	1,342	0	0	657	607	341
32 Texas Southern U	2,544	2,250	0	0	0	0	294
33 Delaware State University	2,535	979	132	0	258	242	924
34 Fisk University	2,512	2,445	0	0	0	0	67
35 Bethune Cookman College	2,281	251	0	0	381	604	1,045
36 Benedict College	2,227	1,498	0	0	304	320	105
37 Elizabeth City State U	2,226	1,866	0	0	200	60	100
38 U of the Virgin Islands	1,901	1,241	38	0	15	0	607
39 Mississippi Valley St U	1,213	408	0	0	560	0	245
40 Winston Salem State U	1,204	646	0	0	236	322	0
Total 1st 40 institutions	308,982	187,190	802	186	25,359	24,787	70,658

See explanatory information, if any, and SOURCE at end of table.

Table B-20. Federal obligations for science and engineering (S&E) to historically black colleges and universities, ranked by total amount received, by type of activity: fiscal year 1999

[Dollars in thousands]

Page 2 of 3

Institution and ranking	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
41 Le Moyne Owen College	1,168	1,000	0	0	0	168	0
42 Tougaloo College	1,152	442	0	0	377	133	200
43 Wilberforce University	1,078	1,078	0	0	0	0	0
44 Alabama State University	1,070	44	0	0	325	406	295
45 Albany State University	1,047	512	0	0	38	103	394
46 Central State U (Wlbrfc)	1,023	968	0	0	0	55	0
47 Lincoln U (Linc U PA)	1,017	623	0	0	245	149	0
48 Johnson C Smith U	922	546	0	0	147	0	229
49 Bennett Col (Greensboro)	790	32	26	0	134	187	411
50 Stillman College	722	0	0	0	157	336	229
Total 1st 50 institutions	318,971	192,435	828	186	26,782	26,324	72,416
51 Savannah State University	682	582	0	0	0	0	100
52 Coppin State College	667	0	0	0	667	0	0
53 Oakwood College	570	570	0	0	0	0	0
54 Miles College	563	549	0	0	0	0	14
55 Fayetteville State U	556	28	0	0	0	370	158
56 Virginia Union University	516	27	0	0	489	0	0
57 Talladega College	449	0	0	0	235	214	0
58 Morris Brown College	375	146	0	0	0	0	229
59 Interdenomintnl Theo Ctr	300	0	0	0	0	0	300
60 Wiley College	285	0	0	0	26	0	259
Total 1st 60 institutions	323,934	194,337	828	186	28,199	26,908	73,476
61 Claflin College	259	0	0	0	0	0	259
62 Concordia College (Selma)	229	0	0	0	0	0	229
63 Rust College	226	50	0	0	0	176	0
64 Lawson State CC	200	0	0	0	0	0	200
65 Jarvis Christian College	156	0	0	0	0	56	100
66 Edward Waters College	150	150	0	0	0	0	0
67 Shaw University	148	0	0	0	148	0	0
68 Florida Memorial College	145	0	0	0	0	0	145
69 Voorhees College	138	0	0	0	0	48	90
70 Harris Stowe State Col	131	0	0	0	0	0	131
Total 1st 70 institutions	325,716	194,537	828	186	28,347	27,188	74,630
71 St Augustines College	117	92	0	0	0	0	25
72 Trenholm State Tech Col	100	0	0	0	0	0	100
73 Philander Smith College	99	0	0	0	0	99	0
74 Barber Scotia College	91	0	0	0	0	91	0
75 Morris College	66	0	0	0	0	0	66
76 Paul Quinn College	51	0	0	0	0	51	0
77 Hinds CC Raymond	45	0	0	0	0	45	0
78 Dillard University	43	19	0	0	0	0	24
79 Bishop State CC	35	0	0	0	0	35	0
80 Lane College	26	0	0	0	0	26	0
Total 1st 80 institutions	326,389	194,648	828	186	28,347	27,535	74,845

See explanatory information, if any, and SOURCE at end of table.

Table B-20. Federal obligations for science and engineering (S&E) to historically black colleges and universities, ranked by total amount received, by type of activity: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
81 Shelton State CC	21	0	0	21	0	0	0
82 Livingstone College	17	0	0	0	0	17	0
Total 1st 82 institutions	326,427	194,648	828	207	28,347	27,552	74,845

[1] See Technical Notes, "Categories of Support."

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-21. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

Page 1 of 2

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	326,427	78,210	1,711	26,375	14,483	7,489	5,723	96,811	317	57,555	34,975	2,778
1 Howard University	29,960	1	77	1,623	1,207	802	162	17,784	7	3,724	4,394	179
2 Florida A&M University	21,433	3,375	49	690	842	2,237	26	4,628	0	4,797	4,789	0
3 Morehouse School of Med	19,589	0	0	0	0	0	0	17,911	0	1,678	0	0
4 NC Ag & Tech State U	15,156	6,439	0	1,405	159	179	0	330	0	2,906	3,052	686
5 Clark Atlanta University	15,063	123	355	3,535	567	373	30	4,468	0	2,401	3,211	0
6 Tuskegee University	14,109	4,764	5	2,485	0	103	0	2,352	0	2,788	1,612	0
7 Hampton University	13,397	0	132	2,369	572	839	48	1,771	0	5,592	2,074	0
8 Tennessee State U	13,327	5,279	0	961	560	60	0	2,449	0	2,009	2,009	0
9 Xavier U of Louisiana	12,663	0	100	401	298	611	4,851	2,468	0	528	3,406	0
10 Jackson State University	12,648	19	0	558	596	0	0	8,371	0	703	2,401	0
Total 1st 10 institutions	167,345	20,000	718	14,027	4,801	5,204	5,117	62,532	7	27,126	26,948	865
11 Prairie View A&M U	11,922	6,522	60	637	0	814	0	665	0	2,390	573	261
12 Meharry Medical College	11,471	0	0	1,360	0	0	0	9,996	0	0	115	0
13 Southern U A&M All Cmp	10,795	3,968	18	996	1,275	205	175	1,458	65	2,625	10	0
14 Alabama A & M University	8,687	4,426	0	957	163	88	0	26	0	3,027	0	0
15 Morgan State University	8,360	0	99	567	0	0	0	3,068	0	3,452	18	1,156
16 Alcorn State University	6,741	4,649	0	0	285	50	0	809	0	374	574	0
17 Spelman College	6,125	0	0	603	0	110	0	802	0	4,560	50	0
18 Lincoln U (Jeffersn City)	5,546	5,200	0	0	0	0	0	346	0	0	0	0
19 Fort Valley State U	5,349	4,941	0	131	192	50	0	0	30	0	5	0
20 SC State University	5,266	3,660	0	0	199	129	0	163	0	841	0	274
Total 1st 20 institutions	247,607	53,366	895	19,278	6,915	6,650	5,292	79,865	102	44,395	28,293	2,556
21 Virginia State University	4,982	4,187	0	479	0	0	0	316	0	0	0	0
22 Kentucky State University	4,964	4,964	0	0	0	0	0	0	0	0	0	0
23 U of Arkansas Pine Bluff	4,520	4,130	0	92	75	0	0	223	0	0	0	0
24 Bowie State University	4,335	0	0	0	0	0	0	185	0	2,549	1,601	0
25 Langston University	4,014	3,864	0	0	100	50	0	0	0	0	0	0
26 Morehouse College	3,809	55	0	341	633	66	0	597	0	1,848	269	0
27 University of DC	3,565	1,537	0	0	162	0	0	1,251	70	445	100	0
28 U of MD Eastern Shore	3,368	2,758	81	123	0	0	0	356	0	50	0	0
29 Norfolk State University	3,264	0	0	199	380	83	0	221	0	1,496	813	72
30 Grambling State U	2,964	0	0	2,107	0	0	0	507	60	290	0	0
Total 1st 30 institutions	287,392	74,861	976	22,619	8,265	6,849	5,292	83,521	232	51,073	31,076	2,628
31 NC Central University	2,947	0	0	0	512	0	191	2,227	17	0	0	0
32 Texas Southern U	2,544	0	0	0	594	0	0	1,585	0	365	0	0
33 Delaware State University	2,535	1,723	0	266	37	0	0	161	0	200	148	0
34 Fisk University	2,512	0	0	148	0	160	0	85	0	1,856	113	150
35 Bethune Cookman College	2,281	0	0	0	381	0	0	634	0	1,238	28	0
36 Benedict College	2,227	0	595	136	70	0	0	1,328	0	98	0	0
37 Elizabeth City State U	2,226	0	0	590	260	429	0	91	0	856	0	0
38 U of the Virgin Islands	1,901	1,016	90	0	0	0	0	82	68	0	645	0
39 Mississippi Valley St U	1,213	560	50	0	0	0	0	129	0	474	0	0
40 Winston Salem State U	1,204	0	0	0	101	0	0	1,083	0	20	0	0
Total 1st 40 institutions	308,982	78,160	1,711	23,759	10,220	7,438	5,483	90,926	317	56,180	32,010	2,778
41 Le Moyne Owen College	1,168	0	0	0	101	0	0	67	0	0	1,000	0
42 Tougaloo College	1,152	50	0	0	200	0	0	902	0	0	0	0
43 Wilberforce University	1,078	0	0	968	0	0	0	0	0	110	0	0
44 Alabama State University	1,070	0	0	0	466	0	0	560	0	0	44	0
45 Albany State University	1,047	0	0	0	397	0	0	38	0	100	512	0
46 Central State U (Wlbrfc)	1,023	0	0	968	55	0	0	0	0	0	0	0
47 Lincoln U (Linc U PA)	1,017	0	0	600	149	23	0	245	0	0	0	0
48 Johnson C Smith U	922	0	0	0	229	0	0	605	0	88	0	0
49 Bennett Col (Greensboro)	790	0	0	0	0	0	0	353	0	0	437	0
50 Stillman College	722	0	0	0	229	0	0	493	0	0	0	0
Total 1st 50 institutions	318,971	78,210	1,711	26,295	12,046	7,461	5,483	94,189	317	56,478	34,003	2,778

See explanatory information, if any, and SOURCE at end of table.

Table B-21. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

Page 2 of 2

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 Savannah State University	682	0	0	0	0	0	0	411	0	222	49	0
52 Coppin State College	667	0	0	0	667	0	0	0	0	0	0	0
53 Oakwood College	570	0	0	0	0	0	0	138	0	93	339	0
54 Miles College	563	0	0	0	0	0	0	0	0	0	563	0
55 Fayetteville State U	556	0	0	0	0	28	0	370	0	158	0	0
56 Virginia Union University	516	0	0	0	0	0	66	450	0	0	0	0
57 Talladega College	449	0	0	0	60	0	0	389	0	0	0	0
58 Morris Brown College	375	0	0	30	229	0	0	116	0	0	0	0
59 Interdenomintnl Theo Ctr	300	0	0	0	0	0	0	300	0	0	0	0
60 Wiley College	285	0	0	0	259	0	26	0	0	0	0	0
Total 1st 60 institutions	323,934	78,210	1,711	26,325	13,261	7,489	5,575	96,363	317	56,951	34,954	2,778
61 Claflin College	259	0	0	0	259	0	0	0	0	0	0	0
62 Concordia College (Selma)	229	0	0	0	229	0	0	0	0	0	0	0
63 Rust College	226	0	0	50	0	0	0	176	0	0	0	0
64 Lawson State CC	200	0	0	0	200	0	0	0	0	0	0	0
65 Jarvis Christian College	156	0	0	0	0	0	0	56	0	100	0	0
66 Edward Waters College	150	0	0	0	0	0	0	0	0	150	0	0
67 Shaw University	148	0	0	0	0	0	148	0	0	0	0	0
68 Florida Memorial College	145	0	0	0	0	0	0	0	0	145	0	0
69 Voorhees College	138	0	0	0	48	0	0	0	0	90	0	0
70 Harris Stowe State Col	131	0	0	0	131	0	0	0	0	0	0	0
Total 1st 70 institutions	325,716	78,210	1,711	26,375	14,128	7,489	5,723	96,595	317	57,436	34,954	2,778
71 St Augustines College	117	0	0	0	0	0	0	117	0	0	0	0
72 Trenholm State Tech Col	100	0	0	0	0	0	0	0	0	100	0	0
73 Philander Smith College	99	0	0	0	0	0	0	99	0	0	0	0
74 Barber Scotia College	91	0	0	0	91	0	0	0	0	0	0	0
75 Morris College	66	0	0	0	66	0	0	0	0	0	0	0
76 Paul Quinn College	51	0	0	0	51	0	0	0	0	0	0	0
77 Hinds CC Raymond	45	0	0	0	45	0	0	0	0	0	0	0
78 Dillard University	43	0	0	0	24	0	0	0	0	19	0	0
79 Bishop State CC	35	0	0	0	35	0	0	0	0	0	0	0
80 Lane College	26	0	0	0	26	0	0	0	0	0	0	0
Total 1st 80 institutions	326,389	78,210	1,711	26,375	14,466	7,489	5,723	96,811	317	57,555	34,954	2,778
81 Shelton State CC	21	0	0	0	0	0	0	0	0	0	21	0
82 Livingstone College	17	0	0	0	17	0	0	0	0	0	0	0
Total 1st 82 institutions	326,427	78,210	1,711	26,375	14,483	7,489	5,723	96,811	317	57,555	34,975	2,778

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[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, State, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-22. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received in fiscal year 1999: fiscal years 1992-1999

[Dollars in thousands]

Page 1 of 2

Institution and ranking	1992	1993	1994	1995	1996	1997	1998	1999
Total, all institutions	143,548	140,981	177,145	202,671	188,445	184,964	167,190	194,648
1 Howard University	19,433	18,417	19,789	30,642	29,207	23,632	21,992	22,270
2 Morehouse School of Med	6,369	3,904	8,420	8,679	10,824	10,474	10,196	15,479
3 Florida A&M University	7,372	9,247	12,864	10,035	11,339	11,103	16,201	12,845
4 Tuskegee University	5,360	7,008	7,955	10,897	7,272	7,311	7,407	10,253
5 Clark Atlanta University	23,201	7,673	22,097	18,874	11,759	9,624	9,072	10,065
6 NC Ag & Tech State U	6,199	11,372	9,884	13,359	11,050	9,848	9,679	9,264
7 Hampton University	5,244	6,157	8,857	8,601	8,015	12,859	8,868	8,841
8 Jackson State University	4,190	6,374	3,772	4,600	3,712	2,112	5,415	8,601
9 Prairie View A&M U	4,145	4,916	6,207	9,731	4,791	9,501	6,651	7,763
10 Xavier U of Louisiana	2,762	1,405	1,686	1,256	3,305	4,422	723	7,480
Total 1st 10 institutions	84,275	76,473	101,531	116,674	101,274	100,886	96,204	112,861
11 Meharry Medical College	9,154	6,214	10,420	9,512	9,920	8,277	6,062	7,016
12 Alabama A & M University	6,770	6,501	7,010	7,493	6,511	9,638	5,313	5,987
13 Tennessee State U	5,267	5,025	7,216	8,482	8,411	5,382	6,732	5,914
14 Southern U A&M All Cmp	2,685	4,742	5,752	4,284	5,701	5,279	6,328	5,652
15 Morgan State University	1,650	1,307	5,378	2,651	5,341	4,962	4,277	5,047
16 Alcorn State University	2,081	2,151	1,889	2,093	2,671	2,450	2,762	2,946
17 SC State University	2,263	2,287	3,018	2,401	2,232	4,053	2,157	2,777
18 Fort Valley State U	2,554	2,598	2,367	2,790	2,582	2,991	2,119	2,761
19 Kentucky State University	2,355	2,650	2,880	2,393	2,680	2,291	2,478	2,647
20 Grambling State U	646	617	309	3,878	2,960	883	492	2,575
Total 1st 20 institutions	119,700	110,565	147,770	162,651	150,283	147,092	134,924	156,183
21 Virginia State University	2,430	2,247	2,407	3,095	2,309	3,943	3,016	2,543
22 Fisk University	1,139	1,759	1,761	2,101	1,663	2,461	2,160	2,445
23 Norfolk State University	562	387	480	962	887	1,135	1,754	2,318
24 U of Arkansas Pine Bluff	1,594	1,641	1,685	2,064	2,875	2,096	3,032	2,278
25 Texas Southern U	2,153	2,277	3,973	3,316	2,146	1,929	428	2,250
26 Lincoln U (Jeffersn City)	2,118	1,887	2,358	2,008	1,964	2,323	1,877	2,031
27 Spelman College	282	1,252	353	2,148	1,253	3,265	1,194	1,931
28 Langston University	2,053	1,589	1,315	2,218	1,576	2,337	1,820	1,872
29 Elizabeth City State U	70	257	251	926	1,279	1,471	1,048	1,866
30 U of MD Eastern Shore	1,673	1,980	1,693	1,141	1,347	1,326	2,284	1,561
Total 1st 30 institutions	133,774	125,841	164,046	182,630	167,582	169,378	153,537	177,278
31 Benedict College	0	157	219	325	690	1,554	801	1,498
32 NC Central University	214	521	206	363	274	479	652	1,342
33 Bowie State University	228	541	132	1,940	891	1,198	1,028	1,337
34 Morehouse College	523	796	754	2,184	7,555	698	2,099	1,252
35 U of the Virgin Islands	1,167	1,210	1,368	1,545	1,052	1,068	981	1,241
36 Wilberforce University	11	433	477	482	238	153	185	1,078
37 Le Moyne Owen College	50	69	0	1,026	0	20	0	1,000
38 Delaware State University	1,068	1,531	618	1,190	1,166	1,374	1,088	979
39 Central State U (Wlbrfc)	428	1,139	1,696	1,208	959	168	0	968
40 University of DC	2,087	2,150	2,507	2,790	1,806	1,898	1,077	958
Total 1st 40 institutions	139,550	134,388	172,023	195,683	182,213	177,988	161,448	188,931
41 Winston Salem State U	0	0	0	142	606	664	771	646
42 Lincoln U (Linc U PA)	318	1,232	453	1,192	736	684	1,052	623
43 Savannah State University	0	0	34	367	454	221	741	582
44 Oakwood College	198	0	164	80	108	0	297	570
45 Miles College	0	0	0	132	64	38	17	549
46 Johnson C Smith U	35	0	195	214	216	276	385	546
47 Albany State University	0	0	0	0	0	0	92	512
48 Tougaloo College	0	0	0	52	77	45	71	442
49 Mississippi Valley St U	81	131	1	0	0	190	212	408
50 Bethune Cookman College	110	0	88	252	2	1,203	632	251
Total 1st 50 institutions	140,292	135,751	172,958	198,114	184,476	181,309	165,718	194,060

See explanatory information, if any, and SOURCE at end of table.

Table B-22. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received in fiscal year 1999: fiscal years 1992-1999

[Dollars in thousands]

Page 2 of 2

Institution and ranking	1992	1993	1994	1995	1996	1997	1998	1999
51 Edward Waters College	0	0	300	300	100	200	50	150
52 Morris Brown College	1,002	1,154	1,174	1,493	1,430	580	476	146
53 St Augustines College	0	0	0	0	38	192	92	92
54 Rust College	342	188	178	269	100	100	50	50
55 Alabama State University	167	12	56	122	46	99	36	44
56 Bennett Col (Greensboro)	251	206	188	394	26	784	179	32
57 Fayetteville State U	147	112	117	130	178	103	140	28
58 Virginia Union University	0	324	0	90	130	128	181	27
59 Dillard University	100	120	325	316	206	103	0	19
Barber Scotia College	0	238	0	0	0	0	0	0
Total 1st 60 institutions	142,301	138,105	175,296	201,228	186,730	183,598	166,922	194,648
Bluefield State College	0	76	0	15	0	0	0	0
Claflin College	162	227	111	0	122	199	0	0
Coppin State College	0	0	75	0	0	52	0	0
Florida Memorial College	0	0	0	0	0	58	0	0
Harris Stowe State Col	3	4	0	4	88	0	0	0
Hinds CC Raymond	2	369	1	0	0	0	0	0
Huston Tillotson College	0	8	0	192	148	0	0	0
J F Drake St Tech Col	0	0	0	0	0	0	14	0
Jarvis Christian College	502	219	89	233	166	208	89	0
Knoxville College	0	248	247	200	197	0	0	0
Total 1st 70 institutions	142,970	139,256	175,819	201,872	187,451	184,115	167,025	194,648
Lane College	0	44	0	0	0	0	0	0
Lawson State CC	0	0	0	0	0	20	0	0
Lewis College of Business	98	0	0	0	0	0	0	0
Livingstone College	0	306	0	0	0	176	83	0
Mary Holmes College	8	0	0	0	0	0	0	0
Paine College	40	0	155	0	27	32	32	0
Philander Smith College	0	0	65	0	0	0	0	0
Selma University	139	127	306	0	138	0	0	0
Shaw University	52	74	71	78	92	500	50	0
Stillman College	0	25	0	99	0	74	0	0
Total 1st 80 institutions	143,307	139,832	176,416	202,049	187,708	184,917	167,190	194,648
Talladega College	0	239	428	81	366	47	0	0
Trenholm State Tech Col	0	24	178	175	0	0	0	0
Voorhees College	0	324	50	85	0	0	0	0
WV State College	182	363	0	185	0	0	0	0
Wiley College	59	199	73	96	371	0	0	0
Total 1st 85 institutions	143,548	140,981	177,145	202,671	188,445	184,964	167,190	194,648

NOTE: Institutions having no FY 1999 obligations are listed in alphabetical order.

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-23. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

Page 1 of 2

Institution and ranking	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
Total, all institutions	194,648	36,929	675	25,015	475	6,947	5,120	62,135	37,847	16,626	2,879
1 Howard University	22,270	1	77	1,623	175	460	162	15,947	1,927	1,712	186
2 Morehouse School of Med	15,479	0	0	0	0	0	0	13,801	1,678	0	0
3 Florida A&M University	12,845	1,475	0	690	0	2,137	0	2,843	4,005	1,695	0
4 Tuskegee University	10,253	2,360	0	2,485	0	103	0	1,821	2,690	794	0
5 Clark Atlanta University	10,065	123	0	3,172	0	373	0	2,085	2,101	2,211	0
6 NC Ag & Tech State U	9,264	2,618	0	1,313	0	179	0	0	2,762	1,797	595
7 Hampton University	8,841	0	0	2,369	0	839	0	775	3,784	1,074	0
8 Jackson State University	8,601	10	0	558	0	0	0	5,804	703	1,526	0
9 Prairie View A&M U	7,763	3,043	0	637	0	814	0	390	2,390	228	261
10 Xavier U of Louisiana	7,480	0	0	401	0	611	4,783	400	377	908	0
Total 1st 10 institutions	112,861	9,630	77	13,248	175	5,516	4,945	43,866	22,417	11,945	1,042
11 Meharry Medical College	7,016	0	0	562	0	0	0	6,339	0	115	0
12 Alabama A & M University	5,987	2,145	0	957	0	88	0	26	2,771	0	0
13 Tennessee State U	5,914	2,644	0	961	0	60	0	1,394	855	0	0
14 Southern U A&M All Cmp	5,652	1,934	18	996	0	205	175	125	2,124	10	65
15 Morgan State University	5,047	0	0	567	0	0	0	1,525	1,895	18	1,042
16 Alcorn State University	2,946	2,486	0	0	0	0	0	86	374	0	0
17 SC State University	2,777	1,572	0	0	0	129	0	163	650	0	263
18 Fort Valley State U	2,761	2,595	0	131	0	0	0	0	0	5	30
19 Kentucky State University	2,647	2,647	0	0	0	0	0	0	0	0	0
20 Grambling State U	2,575	0	0	2,107	0	0	0	118	290	0	60
Total 1st 20 institutions	156,183	25,653	95	19,529	175	5,998	5,120	53,642	31,376	12,093	2,502
21 Virginia State University	2,543	1,748	0	479	0	0	0	316	0	0	0
22 Fisk University	2,445	0	0	148	0	160	0	85	1,789	113	150
23 Norfolk State University	2,318	0	0	199	0	83	0	221	930	813	72
24 U of Arkansas Pine Bluff	2,278	2,187	0	0	0	0	0	91	0	0	0
25 Texas Southern U	2,250	0	0	0	300	0	0	1,585	365	0	0
26 Lincoln U (Jeffersn City)	2,031	2,031	0	0	0	0	0	0	0	0	0
27 Spelman College	1,931	0	0	603	0	110	0	802	366	50	0
28 Langston University	1,872	1,822	0	0	0	50	0	0	0	0	0
29 Elizabeth City State U	1,866	0	0	590	0	429	0	91	756	0	0
30 U of MD Eastern Shore	1,561	1,322	0	123	0	0	0	116	0	0	0
Total 1st 30 institutions	177,278	34,763	95	21,671	475	6,830	5,120	56,949	35,582	13,069	2,724
31 Benedict College	1,498	0	490	136	0	0	0	774	98	0	0
32 NC Central University	1,342	0	0	0	0	0	0	1,325	0	0	17
33 Bowie State University	1,337	0	0	0	0	0	0	185	501	651	0
34 Morehouse College	1,252	55	0	326	0	66	0	339	197	269	0
35 U of the Virgin Islands	1,241	1,016	90	0	0	0	0	67	0	0	68
36 Wilberforce University	1,078	0	0	968	0	0	0	0	110	0	0
37 Le Moyne Owen College	1,000	0	0	0	0	0	0	0	0	1,000	0
38 Delaware State University	979	597	0	266	0	0	0	0	100	16	0
39 Central State U (Wlbrfc)	968	0	0	968	0	0	0	0	0	0	0
40 University of DC	958	448	0	0	0	0	0	45	295	100	70
Total 1st 40 institutions	188,931	36,879	675	24,335	475	6,896	5,120	59,684	36,883	15,105	2,879
41 Winston Salem State U	646	0	0	0	0	0	0	626	20	0	0
42 Lincoln U (Linc U PA)	623	0	0	600	0	23	0	0	0	0	0
43 Savannah State University	582	0	0	0	0	0	0	411	122	49	0
44 Oakwood College	570	0	0	0	0	0	0	138	93	339	0
45 Miles College	549	0	0	0	0	0	0	0	0	549	0
46 Johnson C Smith U	546	0	0	0	0	0	0	458	88	0	0
47 Albany State University	512	0	0	0	0	0	0	0	0	512	0
48 Tougaloo College	442	50	0	0	0	0	0	392	0	0	0
49 Mississippi Valley St U	408	0	0	0	0	0	0	129	279	0	0
50 Bethune Cookman College	251	0	0	0	0	0	0	30	193	28	0
Total 1st 50 institutions	194,060	36,929	675	24,935	475	6,919	5,120	61,868	37,678	16,582	2,879

See explanatory information, if any, and SOURCE at end of table.

Table B-23. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

Page 2 of 2

Institution and ranking	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
51 Edward Waters College	150	0	0	0	0	0	0	0	150	0	0
52 Morris Brown College	146	0	0	30	0	0	0	116	0	0	0
53 St Augustines College	92	0	0	0	0	0	0	92	0	0	0
54 Rust College	50	0	0	50	0	0	0	0	0	0	0
55 Alabama State University	44	0	0	0	0	0	0	0	0	44	0
56 Bennett Col (Greensboro)	32	0	0	0	0	0	0	32	0	0	0
57 Fayetteville State U	28	0	0	0	0	28	0	0	0	0	0
58 Virginia Union University	27	0	0	0	0	0	0	27	0	0	0
59 Dillard University	19	0	0	0	0	0	0	0	19	0	0
Total 1st 59 institutions	194,648	36,929	675	25,015	475	6,947	5,120	62,135	37,847	16,626	2,879

[1] The Department of Defense (DoD) states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

[2] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-24. Federal obligations for science and engineering to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

Page 1 of 2

System of universities and colleges	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all systems	6,772,648	463,197	156,583	545,703	153,283	244,289	77,115	3,431,316	408,928	1,183,994	108,240
1 U of CA System	1,519,899	36,345	15,755	120,548	11,002	64,550	12,025	893,329	92,008	266,566	7,771
2 U of Texas Sys	569,947	706	1,970	82,393	3,772	11,850	6,668	390,950	15,701	54,785	1,152
3 U of North Carolina Sys	360,522	37,345	10,007	24,848	12,500	5,946	10,760	205,181	8,311	36,909	8,715
4 U of Illinois Sys	300,029	23,946	517	30,094	5,715	15,349	2,177	112,517	6,377	99,397	3,940
5 Columbia U Sys	299,744	365	7,219	9,650	504	8,257	264	206,092	11,387	55,749	257
6 U of Wisconsin Sys	294,134	23,379	4,531	11,317	10,203	20,586	604	157,613	12,371	49,659	3,871
7 State U Sys of Florida	277,839	22,789	6,080	23,989	8,162	20,843	1,936	99,834	19,104	69,070	6,032
8 U of Maryland Sys	252,673	13,296	11,165	20,176	6,441	7,681	3,668	105,251	48,555	34,913	1,527
9 U & St Col AZ System	229,455	12,167	1,077	17,841	4,811	5,565	5,721	86,641	30,167	62,864	2,601
10 U of Alabama Sys	225,305	0	134	7,174	2,131	3,251	2,345	157,838	36,807	14,187	1,438
11 State U of New York Sys	215,558	1,568	6,076	12,743	7,050	9,991	417	124,378	6,603	43,805	2,927
12 Oregon St Higher Ed Sys	212,821	18,049	5,233	9,028	12,103	2,910	2,286	115,906	7,103	33,775	6,428
13 U Sys of Georgia	194,675	31,969	5,805	44,061	5,823	7,523	4,017	46,105	7,178	39,428	2,766
14 Utah Higher Ed Sys	173,559	10,476	730	30,514	5,051	6,630	390	88,871	6,511	23,367	1,019
15 City U of New York Sys	157,758	658	0	7,309	4,349	1,419	0	122,829	5,768	13,560	1,866
16 U of Massachusetts Sys	132,826	9,245	793	11,906	1,810	3,465	616	76,317	2,214	25,554	906
17 Texas A&M U Sys	125,964	38,536	3,028	5,868	1,874	6,125	821	28,365	7,011	27,753	6,583
18 Indiana U Sys	125,172	910	681	525	654	4,824	44	93,507	1,036	22,785	206
19 Louisiana State U Sys	115,169	16,002	21,055	20,268	1,406	1,768	1,734	38,875	2,137	8,779	3,145
20 CA St U & Col System	111,469	2,439	2,001	7,903	17,155	794	2,328	33,474	13,698	27,537	4,140
21 U of Hawaii Sys	95,173	11,858	10,624	11,228	2,880	2,846	64	20,014	10,281	19,814	5,564
22 U of Missouri Sys	93,007	21,490	1,154	4,060	4,800	1,805	3,590	33,208	2,293	18,946	1,661
23 Colorado St U System	82,167	11,870	8,681	7,486	150	2,866	1,974	27,763	3,754	14,063	3,560
24 U of Tennessee Sys	80,413	19,402	1,609	2,715	1,912	5,855	2,875	32,156	1,534	10,655	1,700
25 U of Nebraska Sys	73,761	16,502	95	3,209	1,802	749	270	26,637	2,716	18,449	3,332
26 U of Arkansas Sys	70,524	25,358	398	1,963	2,676	100	111	28,108	1,400	9,053	1,357
27 Montana U Sys	58,403	12,019	958	2,724	2,186	259	2,095	9,378	10,564	14,572	3,648
28 U of Puerto Rico Sys	55,293	12,687	326	1,425	455	985	0	24,401	3,718	11,125	171
29 U of Alaska Sys	51,346	6,740	6,817	660	816	178	589	1,831	9,078	12,543	12,094
30 U of Nevada Sys	47,780	4,648	3,671	2,638	899	13,378	702	10,147	1,214	8,442	2,041
31 U of New Hampshire Sys	44,264	4,756	14,823	502	1,125	537	1,430	2,855	8,919	6,364	2,953
32 St U & CC Sys Tennessee	25,439	5,397	115	1,222	1,499	649	145	9,384	2,375	3,460	1,193
33 U of Maine Sys	23,917	8,005	466	3,136	1,557	88	0	2,844	354	5,961	1,506
34 U of Houston Sys	22,816	25	67	1,394	381	1,043	0	5,728	8,263	5,875	40
35 U of Louisiana Sys	13,422	389	172	2,517	673	3,138	0	3,999	406	2,068	60
36 Texas State University Sys	9,061	210	1,200	0	811	0	4,424	1,795	87	528	6
37 Southern Illinois U Sys	8,263	1,148	0	116	920	486	25	4,170	119	1,220	59
38 Fundacion Ed G Mendez	3,341	325	0	0	207	0	0	109	268	2,432	0
39 Minnesota Cmty Col Sys	2,990	72	930	0	1,523	0	0	169	113	178	5
40 Claremont Colleges Sys	2,379	0	0	0	305	0	0	1,178	37	859	0

See explanatory information, if any, and SOURCE at end of table.

Table B-24. Federal obligations for science and engineering to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

Page 2 of 2

System of universities and colleges	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
41 Massachusetts CC Sys	1,971	0	0	0	0	0	0	0	0	1,971	0
42 U of South Dakota Sys	1,907	0	500	0	338	0	0	814	0	255	0
43 State Sys of Higher Ed	1,780	4	10	0	837	0	0	106	34	789	0
44 Inter American U PR Sys	1,716	0	0	0	1,086	0	0	393	0	237	0
45 Maricopa CC Sys	1,450	0	0	0	0	0	0	0	0	1,450	0
46 Foothill Deanza CC Dist	1,394	0	0	0	0	0	0	0	1,194	200	0
47 Peralta Cmty Col Sys	850	0	0	0	0	0	0	0	100	750	0
48 Contra Costa CC Dist Sys	545	0	0	545	0	0	0	0	0	0	0
49 CA Schl Prof Psych Sys	500	0	0	0	500	0	0	0	0	0	0
50 Virginia Cmty Col Sys	437	2	0	0	200	0	0	0	0	235	0
51 Ventura Co CC Dist Sys	340	0	0	0	0	0	0	0	0	340	0
52 Cmty Cols Baltimore Co	301	0	0	0	0	0	0	29	0	272	0
53 Concordia U Sys in MO	280	0	0	0	229	0	0	35	0	16	0
54 NC Cmty Col System	231	0	0	0	0	0	0	0	0	231	0
55 San Mateo CC Sys	208	0	0	0	0	0	0	148	60	0	0
56 Massachusetts St Col Sys	154	0	0	0	0	0	0	0	0	154	0
57 State Ctr Jr Col Dist Sys	110	0	110	0	0	0	0	0	0	0	0
58 Kern CC Dist Sys	100	100	0	0	0	0	0	0	0	0	0
59 Troy State U Sys	52	0	0	8	0	0	0	44	0	0	0
60 San Diego Dist CC Sys	45	0	0	0	0	0	0	0	0	45	0

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

NOTES: Includes obligations to every individual institution included within each system.

The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the fiscal year (FY) 1999 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995-1998 surveys. Any significant differences between AID's data reported for FYs 1995-1999 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-1999 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-25. Federal obligations for science and engineering research and development to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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System of universities and colleges	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
Total, all systems	5,737,584	254,091	74,583	509,082	55,832	242,665	67,593	3,146,356	365,287	925,888	96,207
1 U of CA System	1,370,887	26,076	6,305	118,597	9,643	64,450	11,228	818,417	88,360	220,355	7,456
2 U of Texas Sys	506,375	688	150	75,651	1,816	11,850	6,304	365,777	13,276	29,711	1,152
3 U of North Carolina Sys	290,442	17,253	5,715	24,005	5,227	5,946	6,600	184,527	7,445	30,668	3,056
4 Columbia U Sys	261,445	365	4,765	9,375	0	7,824	264	191,152	10,682	36,761	257
5 U of Wisconsin Sys	254,839	12,546	2,652	11,094	6,809	20,586	390	144,890	11,763	41,719	2,390
6 U of Illinois Sys	248,619	11,824	366	28,706	3,476	15,262	1,992	100,768	5,660	76,625	3,940
7 State U Sys of Florida	233,821	12,814	4,003	23,220	2,306	20,717	1,637	89,985	15,684	57,534	5,921
8 U of Maryland Sys	218,915	7,190	8,360	19,843	456	7,660	3,611	94,874	44,421	31,140	1,360
9 U of Alabama Sys	205,965	0	46	6,971	1,756	3,251	2,319	149,528	31,239	9,418	1,437
10 U & St Col AZ System	200,540	8,176	649	17,112	986	5,565	4,227	81,506	28,908	50,810	2,601
11 State U of New York Sys	196,473	1,468	3,394	12,661	4,997	9,991	364	117,726	6,559	36,516	2,797
12 Oregon St Higher Ed Sys	181,672	12,660	2,420	8,431	6,067	2,910	1,821	106,524	6,715	29,501	4,623
13 Utah Higher Ed Sys	157,061	6,608	351	29,370	1,190	6,107	339	84,896	5,909	21,272	1,019
14 U Sys of Georgia	145,151	14,454	952	28,511	1,711	7,473	3,543	43,939	6,183	35,619	2,766
15 City U of New York Sys	133,179	120	0	6,130	1,173	1,412	0	112,884	4,075	5,648	1,737
16 U of Massachusetts Sys	117,495	4,931	589	11,614	484	3,465	563	72,662	2,192	20,089	906
17 Indiana U Sys	110,459	910	581	515	0	4,824	0	85,154	896	17,373	206
18 Texas A&M U Sys	89,461	16,731	1,627	5,694	0	5,873	737	26,755	5,788	19,856	6,400
19 Louisiana State U Sys	87,032	8,053	5,792	20,044	225	1,768	1,678	37,562	1,204	7,562	3,144
20 U of Hawaii Sys	78,404	9,801	4,490	10,986	968	2,821	0	18,567	5,902	19,305	5,564
21 U of Missouri Sys	69,748	10,785	82	4,025	2,312	1,805	3,500	30,202	1,943	13,444	1,650
22 Colorado St U System	63,639	7,429	1,827	6,250	150	2,866	1,974	24,164	3,080	12,339	3,560
23 U of Tennessee Sys	62,204	7,597	106	2,705	0	5,855	2,761	30,529	1,502	9,729	1,420
24 CA St U & Col System	61,468	1,392	1,891	5,854	478	794	2,240	18,452	13,214	13,088	4,065
25 U of Nebraska Sys	54,390	8,683	0	3,205	149	749	270	24,280	2,423	11,352	3,279
26 U of Arkansas Sys	53,945	15,001	34	1,695	889	100	100	26,230	1,056	7,532	1,308
27 Montana U Sys	47,144	7,221	317	2,724	854	259	2,003	8,525	10,045	11,881	3,315
28 U of Nevada Sys	40,708	2,806	704	2,587	250	13,378	540	9,882	1,001	7,519	2,041
29 U of Alaska Sys	40,061	4,793	2,462	660	0	178	589	1,073	7,406	12,056	10,844
30 U of New Hampshire Sys	37,422	2,367	13,023	494	454	537	1,430	2,677	7,466	6,021	2,953
31 U of Puerto Rico Sys	32,628	4,488	6	1,425	180	985	0	15,456	2,882	7,035	171
32 U of Houston Sys	21,873	25	47	1,384	0	1,043	0	5,634	7,924	5,776	40
33 U of Maine Sys	16,898	4,559	367	3,136	0	88	0	2,528	354	4,360	1,506
34 St U & CC Sys Tennessee	16,204	2,762	0	1,222	326	649	145	7,774	1,199	934	1,193
35 U of Louisiana Sys	10,322	389	0	2,517	0	3,138	0	2,776	406	1,036	60
36 Southern Illinois U Sys	6,817	1,027	0	116	0	486	0	3,942	119	1,068	59
37 Texas State University Sys	6,706	60	0	0	0	0	4,424	1,777	87	352	6
38 Claremont Colleges Sys	1,972	0	0	0	0	0	0	1,178	37	757	0
39 U of South Dakota Sys	1,492	0	500	0	0	0	0	737	0	255	0
40 Fundacion Ed G Mendez	1,467	26	0	0	0	0	0	109	75	1,257	0

See explanatory information, if any, and SOURCE at end of table.

Table B-25. Federal obligations for science and engineering research and development to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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System of universities and colleges	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
41 Contra Costa CC Dist Sys	545	0	0	545	0	0	0	0	0	0	0
42 CA Schl Prof Psych Sys	500	0	0	0	500	0	0	0	0	0	0
43 State Sys of Higher Ed	460	4	10	0	0	0	0	106	34	306	0
44 Minnesota Cmty Col Sys	291	9	0	0	0	0	0	84	113	80	5
45 San Mateo CC Sys	208	0	0	0	0	0	0	148	60	0	0
46 Massachusetts St Col Sys	154	0	0	0	0	0	0	0	0	154	0
47 Inter American U PR Sys	75	0	0	0	0	0	0	0	0	75	0
48 Troy State U Sys	8	0	0	8	0	0	0	0	0	0	0

[1] The Department of Defense (DoD) states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

[2] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

NOTES: Includes obligations to every individual institution included within each system.

The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the fiscal year (FY) 1999 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995-1998 surveys. Any significant differences between AID's data reported for FYs 1995-1999 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-1999 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-26. Federal obligations for science and engineering research and development and R&D plant to the 100 nonprofit institutions receiving the largest amounts, ranked by total amount received in fiscal year 1999: fiscal years 1992-1999

[Dollars in thousands]

Page 1 of 2

Institution and ranking	1992	1993	1994	1995	1996	1997	1998	1999
Total, all institutions	3,127,341	3,082,370	3,032,999	3,094,775	2,998,709	2,809,604	3,033,499	3,374,667
1 Mitre Corporation	247,720	245,731	236,086	188,943	206,849	124,732	204,975	219,039
2 MA General Hospital	90,594	89,109	104,162	111,013	113,314	126,514	147,025	180,205
3 Brigham and Womens Hosp	82,081	86,394	98,234	103,392	99,783	113,350	131,720	144,734
4 F Hutchnsn Cancer Rsch	56,201	54,622	62,757	95,104	79,983	27,807	102,305	135,043
5 Concurrent Tech Corp	0	0	0	70	0	9,301	93,200	108,720
6 Universities Space Rsch	32,157	31,883	37,987	36,354	30,062	73,108	64,348	81,590
7 Beth Israel Deac Med Ctr	20,315	23,142	24,964	29,046	34,412	56,129	65,234	72,465
8 Dana-Farber Cancer Inst	50,369	51,700	54,502	46,855	55,984	55,278	63,288	66,768
9 Natl Academy of Sciences	76,839	75,895	93,467	78,484	66,372	66,842	49,889	65,839
10 H M Jackson Foundation	9,383	9,442	77,572	28,350	60,814	55,202	68,619	65,069
Total 1st 10 institutions	665,659	667,918	789,731	717,611	747,573	708,263	990,603	1,139,472
11 Mem Sloan-Kettering Canc	48,551	48,438	49,213	50,577	54,631	55,979	55,661	63,812
12 Assc U Rsch in Astronomy	47,540	54,816	60,227	61,283	55,489	65,000	70,043	62,304
13 Whitehead Inst Biomed	7,792	15,895	17,632	22,609	22,150	24,661	30,303	58,878
14 Battelle Memorial Inst	62,957	78,524	107,034	79,519	75,487	57,659	46,578	55,150
15 Research Triangle Inst	50,049	44,105	63,662	49,315	43,778	50,179	48,279	54,645
16 SRI International	63,169	64,368	57,254	59,225	61,148	51,336	54,383	49,211
17 Child Hosp (Boston, MA)	32,674	32,816	38,954	37,822	42,463	41,544	46,684	47,012
18 Salk Inst for Biol Study	36,698	33,785	35,751	30,897	33,274	35,370	34,916	43,113
19 Cleveland Clinic Fdn	14,246	14,139	21,285	22,347	25,293	29,887	29,625	42,358
20 Child Hosp Phila	14,989	17,329	19,916	25,942	26,309	28,872	33,133	37,726
Total 1st 20 institutions	1,044,324	1,072,133	1,260,659	1,157,147	1,187,595	1,148,750	1,440,208	1,653,681
21 Draper Laboratories	41,113	64,327	168,154	264,151	221,275	163,256	31,758	37,093
22 Joint Ocean Insts, Inc	29,306	30,487	34,200	33,910	33,749	34,118	35,566	36,177
23 Southwest Research Inst	22,072	29,917	27,723	29,451	14,729	36,173	31,727	33,704
24 St Jude Child Rsch Hosp	16,458	18,737	19,951	19,150	23,235	25,197	26,730	33,031
25 Analytic Services, Inc	34,799	29,786	33,673	39,210	39,851	35,871	32,887	33,009
26 Rush Presbyterian St Luke	10,381	13,449	14,433	18,559	22,803	25,481	30,148	30,284
27 RAND Corporation[1]	14,170	11,506	19,048	26,791	24,992	21,404	25,815	29,511
28 Child Hosp Med Ctr Cincin	8,484	7,980	10,165	11,977	16,392	17,715	28,379	28,008
29 Jackson Laboratory	11,353	12,994	16,588	17,538	21,370	22,149	24,415	27,907
30 Natl Jewish Med Rsch Ctr	13,686	14,142	16,368	16,870	18,008	21,420	22,939	27,762
Total 1st 30 institutions	1,246,146	1,305,458	1,620,962	1,634,754	1,623,999	1,551,534	1,730,572	1,970,167
31 Burnham Institute, The	12,021	11,923	12,201	14,935	18,367	17,842	20,055	25,220
32 New Eng Med Ctr & Hosp	21,613	23,642	25,303	25,948	24,322	25,358	24,755	24,860
33 Cold Spring Harbor Lab	19,799	19,858	20,544	19,433	21,923	23,375	23,822	24,839
34 American Tech Initiative	808	686	736	1,200	636	0	30,465	22,182
35 Boston Medical Center	7,517	6,645	7,410	6,864	8,541	11,907	19,099	20,121
36 Family Health Intl	0	0	476	8,467	7,540	13,097	14,524	19,396
37 Inst for Genomic Research	0	0	0	0	0	325	15,484	18,845
38 McLean Hospital	11,747	10,511	10,032	10,401	12,239	11,373	12,875	17,746
39 Ctr Blood Research	9,564	8,066	8,991	12,942	14,401	16,004	17,355	17,543
40 World Resources Institute	362	220	378	975	738	1,111	31,744	16,154
Total 1st 40 institutions	1,329,577	1,387,009	1,707,033	1,735,919	1,732,706	1,671,926	1,940,750	2,177,073
41 Wistar Institute	19,014	14,302	12,893	13,299	15,900	13,550	15,665	15,745
42 Urban Institute	7,892	7,839	11,107	8,817	4,661	9,182	8,512	15,711
43 Montefiore Hosp & Med Ctr	11,309	11,305	13,054	13,274	13,099	9,917	11,278	15,128
44 Southern Research Inst	19,880	22,528	27,916	19,071	21,905	19,432	21,659	14,647
45 Joslin Diabetes Fdn Inc	7,270	7,955	10,742	10,012	8,946	10,679	17,273	13,674
46 Kaiser Fdn Rsch Inst	10,415	10,902	10,046	11,696	13,685	4,459	10,135	13,557
47 Oklahoma Med Rsch Fdn	5,526	5,490	5,863	7,799	8,568	8,073	7,432	13,499
48 Jay David Gladstone Fdn	4,609	5,225	5,456	6,504	8,936	8,675	9,642	13,235
49 Cedars Sinai Med Ctr	7,196	9,179	10,888	7,710	9,135	9,749	10,617	12,958
50 Environmental Rsch Inst	16,266	21,540	10,817	14,202	17,858	12,030	6,297	12,873
Total 1st 50 institutions	1,438,954	1,503,274	1,825,815	1,848,303	1,855,399	1,777,672	2,059,260	2,318,100

See explanatory information, if any, and SOURCE at end of table.

Table B-26. Federal obligations for science and engineering research and development and R&D plant to the 100 nonprofit institutions receiving the largest amounts, ranked by total amount received in fiscal year 1999: fiscal years 1992-1999

[Dollars in thousands]

Page 2 of 2

Institution and ranking	1992	1993	1994	1995	1996	1997	1998	1999
51 St Lukes-Rsvlt Inst Hlth	4,694	5,905	7,305	6,599	7,502	8,374	8,362	12,835
52 Inc Rsch Insts Seismology	342	53	7,310	9,512	3,844	12,330	11,177	12,365
53 Natl Bureau Econ Rsch Inc	5,569	5,214	8,113	8,799	10,119	10,274	10,543	12,359
54 American Hlth Fdn, Inc	8,515	11,706	11,504	13,392	10,774	11,430	8,754	12,026
55 Child Hosp Los Angeles	9,048	7,474	8,045	8,428	8,649	7,766	10,244	11,865
56 Oregon Research Inst	6,166	6,556	7,837	7,695	8,422	8,937	9,580	11,699
57 Carnegie Inst Washington	5,558	6,368	8,513	7,697	6,840	9,404	8,069	11,510
58 IIT Research Institute	78,139	61,310	48,270	35,777	34,227	17,311	9,499	11,475
59 Am Registry Pathology	31	0	1,343	63	9,573	9,325	10,638	11,354
60 Rhode Island Hospital	3,840	4,572	5,131	4,407	6,783	8,891	8,419	11,349
Total 1st 60 institutions	1,560,856	1,612,432	1,939,186	1,950,672	1,962,132	1,881,714	2,154,545	2,436,937
61 Frontier Sci & Tech Rsch	1,842	1,853	2,437	7,103	8,842	8,772	9,493	11,278
62 Am Col of Radiology	0	7,243	9,084	7,033	7,746	6,947	7,164	11,231
63 Beckman Research Inst	8,089	7,804	8,438	5,386	6,422	9,060	10,954	11,033
64 Miriam Hospital	3,403	3,623	3,466	2,973	4,298	3,622	5,242	10,980
65 Child Hosp Pittsburgh	7,084	5,200	12,800	8,215	8,278	8,522	5,006	10,368
66 Ohio Aerospace Institute	5,482	7,109	6,455	7,556	8,438	4,328	6,834	10,263
67 Role Models America Inc	0	0	0	0	0	0	0	10,000
68 Marshfield Med Rsch Fdn	1,222	565	567	2,331	3,787	4,512	3,569	9,708
69 Lovelace Resp Rsch Ins	104	142	266	404	10,009	10,142	6,714	9,688
70 Corp Natl Rsch Initiative	2,827	3,582	4,662	4,232	3,279	3,301	2,353	9,655
Total 1st 70 institutions	1,590,909	1,649,553	1,987,361	1,995,905	2,023,231	1,940,920	2,211,874	2,541,141
71 Natl Fdn Brain Fnctnl Img	0	0	0	0	0	0	0	9,617
72 J Hopkins Bayview Med Ctr	0	0	5,247	6,475	7,750	10,793	11,889	9,516
73 Schepens Eye Rsch Inst	6,300	5,906	6,335	7,610	8,550	7,810	8,507	9,501
74 Public Health Institute	0	0	0	0	0	0	443	9,408
75 Assn Tch Preventive Med	0	0	0	0	546	0	0	9,404
76 Inst for Cancer Research	7,062	9,578	7,741	7,648	7,594	9,173	8,822	8,756
77 North Shore U Hospital	5,517	4,616	4,102	4,009	4,809	7,263	7,136	8,753
78 Forsyth Dental Center	6,297	5,366	5,878	5,540	6,237	5,834	6,904	8,739
79 MA Eye & Ear Infirmary	7,345	6,976	7,719	8,312	8,649	7,908	7,496	8,055
80 Oregon Socl Learning Ctr	4,156	4,194	4,269	4,473	5,285	5,149	5,502	7,742
Total 1st 80 institutions	1,627,586	1,686,189	2,028,652	2,039,972	2,072,651	1,994,850	2,268,573	2,630,632
81 Mayo Foundation	6,673	4,977	8,434	9,058	6,835	1,053	2,022	7,271
82 Am Museum of Natl Hist	708	869	2,214	2,024	1,879	1,148	9,388	7,252
83 Magee Womens Hosp	994	1,733	2,141	4,314	5,568	7,081	8,157	7,230
84 EK Shriver Ctr Mental	4,235	5,353	4,753	4,426	4,590	5,928	6,421	7,212
85 SC Research Authority	71,354	18,219	31,324	49,948	27,762	6,782	2,479	7,053
86 Long Island Jew Hillside	4,353	5,112	4,823	5,702	6,581	5,384	4,959	6,851
87 Nature Conservancy	225	423	1,426	905	1,510	822	2,383	6,789
88 Public Health Res Inst	4,962	4,968	5,390	5,710	8,281	5,889	6,998	6,597
89 Natl Ctr Manufactrng Sci	3,248	37,861	43,741	22,598	18,920	3,966	5,180	6,488
90 Educom, Inc	35	0	15	2	0	0	144	6,401
Total 1st 90 institutions	1,724,373	1,765,704	2,132,913	2,144,659	2,154,577	2,032,903	2,316,704	2,699,776
91 Friends Med Sci Rsch Ctr	3,736	4,091	4,182	4,652	5,862	7,211	7,201	6,396
92 Midwest Research Inst	23,372	20,267	20,429	5,066	5,249	7,356	4,451	6,368
93 Population Council	3,398	2,583	2,075	3,350	3,348	4,226	5,540	6,358
94 MCNC(Microelectrn Ctr NC)	868	8,180	8,822	9,729	3,293	8,712	7,804	6,346
95 Ctr Molecular Med & Immun	2,611	2,497	3,139	3,457	4,736	6,166	6,506	6,315
96 Astrophysical Rsch Cnsrtm	0	50	1,397	1,175	1,081	1,000	52	6,120
97 Boston Biomedical Rsch	5,442	5,873	6,172	4,328	4,806	3,748	5,674	5,958
98 Smith Kittwell Eye Rsch	3,063	3,911	3,762	3,864	3,616	4,525	5,029	5,935
99 Western Research Inst	3,988	5,010	4,822	6,950	6,000	2,579	3,814	5,867
100 Seti Institute	8,573	7,894	3,902	5,456	3,174	4,822	3,397	5,630
Total 1st 100 institutions	1,779,424	1,826,060	2,191,615	2,192,686	2,195,742	2,083,248	2,366,172	2,761,069

[1] The fiscal year 1992, 1993, and 1994 obligations from the Department of Defense to the Rand Corporation were mostly reported to three federally funded research and development centers administered by the Rand Corporation: Project Air Force, the Arroyo Center, and the National Defense Research Institute.

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
United States, total	3,374,667	14,792	23,843	682,566	54,955	89,393	95,674	1,892,802	294,191	142,496	83,955
New England, total	1,104,635	166	3,156	282,902	7,426	3,809	2,937	772,534	13,906	13,712	4,087
Connecticut, total	8,457	0	0	453	0	0	0	7,975	0	0	29
CT Audubon Society	29	0	0	0	0	0	0	0	0	0	29
CT Children's Medical Ctr	37	0	0	0	0	0	0	37	0	0	0
CT Legal Rights Project	51	0	0	0	0	0	0	51	0	0	0
Clifford W Beers Guidance	96	0	0	0	0	0	0	96	0	0	0
Hartford Hospital	737	0	0	0	0	0	0	737	0	0	0
Haskins Laboratories, Inc	3,177	0	0	0	0	0	0	3,177	0	0	0
Inst Explrtn Sea Rsch Fdn	453	0	0	453	0	0	0	0	0	0	0
Inst for Community Rsrch	96	0	0	0	0	0	0	96	0	0	0
John B Pierce Lab, Inc	2,432	0	0	0	0	0	0	2,432	0	0	0
Societal Inst of Math Sci	716	0	0	0	0	0	0	716	0	0	0
St Francis Hosp & Med Ctr	633	0	0	0	0	0	0	633	0	0	0
Maine, total	35,358	0	380	927	0	559	0	30,743	770	1,970	9
Acadia Institute	88	0	0	0	0	0	0	0	0	88	0
Bigelow Lab Ocean Study	3,224	0	0	927	0	0	0	0	770	1,527	0
Coastal Economic Dev Corp	380	0	380	0	0	0	0	0	0	0	0
Eastern ME Dvlpmt Corp	9	0	0	0	0	0	0	0	0	0	9
Jackson Laboratory	27,907	0	0	0	0	402	0	27,163	0	342	0
Legl Svcs for the Elderly	100	0	0	0	0	0	0	100	0	0	0
ME Medical Assessment Fdn	297	0	0	0	0	0	0	297	0	0	0
Maine Medical Center	1,642	0	0	0	0	0	0	1,642	0	0	0
Med Care Development, Inc	48	0	0	0	0	0	0	48	0	0	0
Mount Desert Isld Bio Lab	473	0	0	0	0	0	0	460	0	13	0
Natl Acad St Hlth Policy	1,033	0	0	0	0	0	0	1,033	0	0	0
Regulatory Asstnc Prjt	157	0	0	0	0	157	0	0	0	0	0
Massachusetts, total	1,025,005	125	2,236	280,135	7,426	3,212	2,711	703,101	12,450	9,738	3,871
Am Acad of Arts & Sci	140	0	0	0	0	0	0	0	0	140	0
Am Meteorological Soc	351	0	15	92	0	0	0	0	0	244	0
Assc Women Mathematics	102	0	0	0	0	11	0	0	0	91	0
Assoc Sci Woods Hole	29	0	0	29	0	0	0	0	0	0	0
Assoc for Human Potential	294	0	0	0	0	0	0	294	0	0	0
Beth Israel Deac Med Ctr	72,465	0	0	699	0	1,564	0	69,962	240	0	0
Boston Biomedical Rsch	5,958	0	0	0	0	0	0	5,958	0	0	0
Boston Medical Center	20,121	125	0	0	0	0	0	19,996	0	0	0
Brigham and Womens Hosp	144,734	0	0	550	0	0	0	141,891	1,818	475	0
Cast, Inc	699	0	0	0	699	0	0	0	0	0	0
Center for Community Heal	284	0	0	0	0	0	0	284	0	0	0
Child Hosp (Boston, MA)	47,012	0	0	622	1,501	0	0	44,706	103	80	0
Cnsrtm Energy Efficiency	565	0	0	0	0	215	350	0	0	0	0
Concord-Assabet Fam&Adol	277	0	0	0	180	0	0	97	0	0	0
Ctr Blood Research	17,543	0	0	0	0	0	0	17,543	0	0	0
Ctr Hlth Economic Rsch	176	0	0	0	0	0	0	176	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
New England, continued:											
Massachusetts, continued:											
Ctr Tech Commercializatn	1,902	0	0	0	0	0	0	0	1,902	0	0
Ctr for Comm Hlth, Educ,	96	0	0	0	0	0	0	96	0	0	0
Dana-Farber Cancer Inst	66,768	0	0	1,095	0	0	0	65,451	0	222	0
Draper Laboratories	37,093	0	0	33,211	0	0	0	0	3,882	0	0
EK Shriver Ctr Mental	7,212	0	0	0	0	0	0	7,212	0	0	0
Education Development Ctr	3,213	0	0	0	796	0	0	2,417	0	0	0
Education Matters	19	0	0	0	19	0	0	0	0	0	0
Environmental Careers Org	4,012	0	351	0	0	0	0	0	0	0	3,661
Fdrtn Child Special Needs	150	0	0	0	150	0	0	0	0	0	0
Fenway Community Hlth Ctr	401	0	0	0	0	0	0	401	0	0	0
Forsyth Dental Center	8,739	0	0	0	0	0	0	8,739	0	0	0
Fresh Pond Research Inst	60	0	0	0	0	0	0	0	60	0	0
Frontier Sci & Tech Rsch	11,278	0	0	0	0	0	0	11,278	0	0	0
Grtr Lawrence Fam Hlth Ct	300	0	0	0	0	0	0	300	0	0	0
Guidance Center Inc	150	0	0	0	0	0	0	150	0	0	0
Harvard Pilgrim Hlth Care	2,063	0	0	0	0	0	0	2,063	0	0	0
Hebrew Rehab Center	3,195	0	0	0	0	0	0	3,195	0	0	0
Humn Svc Rsch (Cmbrg MA)	225	0	0	0	225	0	0	0	0	0	0
Inst for Responsible Mgt	361	0	0	0	0	0	361	0	0	0	0
Inst for Sci Rsch Inc	204	0	0	0	0	0	0	0	114	90	0
Intl Space University	400	0	0	0	0	0	0	0	400	0	0
JASON Fdn for Education	1,841	0	1,660	31	0	0	0	0	150	0	0
Jobs and Env Campaign Inc	255	0	0	0	0	0	255	0	0	0	0
Jobs for the Future	60	0	0	0	0	0	0	0	0	0	60
Joslin Diabetes Fdn Inc	13,674	0	0	0	0	0	0	13,674	0	0	0
Local Env Initiatives	525	0	0	0	0	0	525	0	0	0	0
Lowell Community Hlth Ctr	295	0	0	0	0	0	0	295	0	0	0
M-Power, Inc	60	0	0	0	0	0	0	60	0	0	0
MA Eye & Ear Infirmary	8,055	0	0	0	0	0	0	8,055	0	0	0
MA Fdn Exclnc Marine Poly	580	0	0	0	0	0	580	0	0	0	0
MA General Hospital	180,205	0	0	23,755	0	919	0	154,503	113	915	0
Mallory Pathology Assoc	40	0	0	0	0	0	0	0	0	40	0
Maria Mitchell Observ	50	0	0	0	0	0	0	0	0	50	0
Marine Biological Lab	5,342	0	210	75	0	25	0	3,248	1,734	0	50
Mass Mentl Hlth Rsch Corp	58	0	0	0	0	0	0	0	58	0	0
McLean Hospital	17,746	0	0	450	0	0	0	17,296	0	0	0
Mitre Corporation	219,039	0	0	219,039	0	0	0	0	0	0	0
N E Radio Observatory Ctr	560	0	0	0	0	0	0	0	0	560	0
NE Enrgy Effncy Parnershp	580	0	0	0	0	0	580	0	0	0	0
Natl Bureau Econ Rsch Inc	12,359	0	0	0	0	0	0	6,367	0	5,992	0
Natl Consumer Law Inc	220	0	0	0	0	0	0	220	0	0	0
Natl Empowerment Cntr	494	0	0	0	0	0	0	494	0	0	0
New Eng Med Ctr & Hosp	24,860	0	0	0	0	0	0	24,860	0	0	0
New England Aquarium Corp	140	0	0	140	0	0	0	0	0	0	0
New England Council	100	0	0	0	0	0	0	0	0	0	100

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
New England, continued:											
Massachusetts, continued:											
Pub Responsblty Med&Rsch	128	0	0	0	0	128	0	0	0	0	0
Schepens Eye Rsch Inst	9,501	0	0	0	0	350	0	9,061	90	0	0
Spaulding Rehab Hosp Corp	345	0	0	0	345	0	0	0	0	0	0
St Eliz Hosp Boston MA	4,402	0	0	0	0	0	0	4,402	0	0	0
Tech Education Rsch Ctr	1,989	0	0	0	1,475	0	0	0	500	14	0
W MA Training Cnsrtm	566	0	0	0	0	0	0	566	0	0	0
WGBH Educational Fdn	2,036	0	0	0	2,036	0	0	0	0	0	0
Whitehead Inst Biomed	58,878	0	0	347	0	0	0	57,791	90	650	0
Woods Hole Research Ctr	1,431	0	0	0	0	0	60	0	1,196	175	0
New Hampshire, total	1,094	3	0	693	0	0	29	102	100	0	167
Acad of Applied Science	515	0	0	515	0	0	0	0	0	0	0
Autonms Undersea Sys Inst	178	0	0	178	0	0	0	0	0	0	0
NH Legal Assistance	102	0	0	0	0	0	0	102	0	0	0
Natl States Geo Info Cncl	100	0	0	0	0	0	0	0	100	0	0
New Eng Biomed&Res Assn	29	0	0	0	0	0	29	0	0	0	0
New Engl Inst Landscape	3	3	0	0	0	0	0	0	0	0	0
Student Conservatn Assoc	167	0	0	0	0	0	0	0	0	0	167
Rhode Island, total	34,538	38	540	694	0	38	74	30,553	586	2,004	11
Am Mathematical Society	1,478	0	0	0	0	0	0	0	0	1,478	0
Assc Symbolic Logic	2	0	0	0	0	0	0	0	0	2	0
Butler Hospital	1,554	0	0	0	0	0	0	1,554	0	0	0
Emma Pendleton Bradley	2,325	0	0	0	0	0	0	2,325	0	0	0
Fraunhfr Ctr Rsch Cmp Grp	286	0	0	286	0	0	0	0	0	0	0
Gordon Rsch Conferences	632	38	0	37	0	38	34	0	70	404	11
Marine Env Ed Fdn, Inc	40	0	0	0	0	0	40	0	0	0	0
Memorial Hosp Pawtucket	2,691	0	0	0	0	0	0	2,691	0	0	0
Miriam Hospital	10,980	0	0	0	0	0	0	10,464	516	0	0
Providence Plan	540	0	540	0	0	0	0	0	0	0	0
Rhode Island Hospital	11,349	0	0	0	0	0	0	11,229	0	120	0
Roger Williams Gen Hosp	788	0	0	371	0	0	0	417	0	0	0
Women & Infants Hosp	1,873	0	0	0	0	0	0	1,873	0	0	0
Vermont, total	183	0	0	0	0	0	123	60	0	0	0
Green Mt Inst Env Demcrcy	123	0	0	0	0	0	123	0	0	0	0
VT Psychiatric Survivors	60	0	0	0	0	0	0	60	0	0	0
Middle Atlantic, total	494,391	2,039	3,366	113,479	5,347	11,856	6,114	284,131	8,733	53,802	5,524
New Jersey, total	21,744	0	1,246	16	1,465	1,303	0	10,908	296	6,432	78
American Liver Foundation	70	0	0	0	0	0	0	70	0	0	0
Cancer Institute of NJ	963	0	0	0	0	963	0	0	0	0	0
Charles Vlt Riley Mem Fdn	78	0	0	0	0	0	0	0	0	0	78
Community Health Care Inc	149	0	0	0	0	0	0	149	0	0	0
Community Options, Inc	450	0	0	0	450	0	0	0	0	0	0
Coriell Inst for Med Rsch	3,461	0	0	0	0	0	0	3,461	0	0	0
Ctr Molecular Med & Immun	6,315	0	0	0	0	310	0	6,005	0	0	0

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Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Middle Atlantic, continued:											
New Jersey, continued:											
Educom, Inc	6,401	0	0	0	0	0	0	0	0	6,401	0
Electrochemical Society	49	0	0	16	0	30	0	0	0	3	0
Hackensack Hospital	481	0	0	0	0	0	0	481	0	0	0
Hepatitis Foundation Intl	214	0	0	0	0	0	0	214	0	0	0
JF Kennedy Med Ctr Fdn	149	0	0	0	149	0	0	0	0	0	0
Kessler Inst for Rehab	866	0	0	0	866	0	0	0	0	0	0
NJ Marine Science Cnsrtm	1,246	0	1,246	0	0	0	0	0	0	0	0
PR Unity for Progress	378	0	0	0	0	0	0	378	0	0	0
Princeton U Press	28	0	0	0	0	0	0	0	0	28	0
Space Studies Institute	146	0	0	0	0	0	0	0	146	0	0
Substance Abuse Resources	150	0	0	0	0	0	0	150	0	0	0
W Wilson Natl Fellowship	150	0	0	0	0	0	0	0	150	0	0
New York, total	251,743	1,661	1,000	4,976	1,312	2,804	4,282	178,408	6,945	45,481	4,874
Abyssinian Development Co	500	0	500	0	0	0	0	0	0	0	0
Acoustical Soc America	10	0	0	0	0	0	0	0	10	0	0
Advertising Council	1,002	0	0	0	0	0	1,002	0	0	0	0
Am Assc of Engineers	80	0	0	0	0	0	0	0	0	80	0
Am Cncl Learned Societies	109	0	0	0	0	0	0	0	0	109	0
Am Inst Aeronautic Astro	154	0	0	0	0	0	0	0	154	0	0
Am Inst Chemical Eng	394	0	0	0	0	394	0	0	0	0	0
Am Museum of Natl Hist	7,252	0	0	0	0	87	0	0	5,739	1,426	0
Am Soc Civil Engineers	1,608	0	0	0	0	0	1,583	0	0	25	0
American Hlth Fdn, Inc	12,026	0	0	0	0	0	0	12,026	0	0	0
Assc Computing Machinery	71	0	0	0	0	0	0	0	0	71	0
Assc Rsch Vision Ophthal	51	0	0	0	0	0	0	51	0	0	0
Assoc State Wetland Mgrs	110	0	0	0	0	0	110	0	0	0	0
B Thompson Inst Plant	2,301	730	0	0	0	429	315	158	132	537	0
Berkshire Farm Ctr & Serv	192	0	0	0	0	0	0	192	0	0	0
Beth Israel Medical Ctr	4,244	0	0	0	0	0	0	4,244	0	0	0
Calspan U Buffalo Rsch	200	0	0	200	0	0	0	0	0	0	0
Cath Fam Ctr of Diocese	150	0	0	0	0	0	0	150	0	0	0
Chinatown Act for Progres	349	0	0	0	0	0	0	349	0	0	0
Cmty Cltn Long Term Care	135	0	0	0	0	0	0	135	0	0	0
Cold Spring Harbor Lab	24,839	210	0	1,444	0	320	0	20,066	0	2,799	0
Community Workshop, Inc	138	0	0	0	138	0	0	0	0	0	0
EAC Inc	150	0	0	0	0	0	0	150	0	0	0
Environmentl Defense Fund	331	0	0	0	0	0	331	0	0	0	0
Harlem Hospital Center	70	0	0	0	0	0	0	70	0	0	0
Hauptman-Wdwrd Med Rsch	2,353	0	0	0	0	0	0	2,143	210	0	0
Health Research, Inc	3,017	0	0	289	149	600	669	0	143	1,167	0
Highland Hosp Rochester	310	0	0	0	0	0	0	310	0	0	0
Hist of Science Society	40	0	0	0	0	0	0	0	0	40	0
Hosp Joint Disease Ortho	1,498	0	0	0	0	0	0	1,409	0	89	0

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Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Middle Atlantic, continued:											
New York, continued:											
Hosp for Special Surgery	4,285	0	0	0	0	0	0	4,285	0	0	0
Inst Elec & Electron Eng	354	0	0	36	0	45	0	0	80	193	0
Institute for Urban Famil	282	0	0	0	0	0	0	282	0	0	0
Institute of Ecosystem St	113	113	0	0	0	0	0	0	0	0	0
Inwood Community Services	150	0	0	0	0	0	0	150	0	0	0
Inwood House	96	0	0	0	0	0	0	96	0	0	0
Joint Ocean Insts, Inc	36,177	0	0	45	0	0	0	0	0	36,132	0
Legal Services for NYC	75	0	0	0	0	0	0	75	0	0	0
Lesbian & Gay Cmty Svc Ct	141	0	0	0	0	0	0	141	0	0	0
Lexington Center, Inc	1,025	0	0	0	1,025	0	0	0	0	0	0
Long Island Jew Hillside	6,851	0	0	374	0	0	0	6,377	0	0	100
Manpowr Demo Rsch Corp	3,918	178	0	0	0	0	0	1,460	0	0	2,280
Mary Imogene Basset Hosp	675	0	0	0	0	0	0	675	0	0	0
Masonic Medical Rsch Lab	646	0	0	0	0	0	0	646	0	0	0
Med & Hlth Rsrch Assn NYC	521	0	0	0	0	0	0	521	0	0	0
Mem Sloan-Kettering Canc	63,812	0	0	943	0	916	0	61,618	0	335	0
Mntl Hlth Assn NY State	60	0	0	0	0	0	0	60	0	0	0
Montefiore Hosp & Med Ctr	15,128	400	0	0	0	0	0	14,728	0	0	0
NY Botan Gard Inst Ecosys	1,653	0	0	0	0	0	0	0	0	1,653	0
NY Botanical Garden NY	1,139	0	500	0	0	0	0	0	0	639	0
Natl Action Cncl Min Eng	477	0	0	0	0	0	0	0	477	0	0
Natl Ctr Disability Svc	300	0	0	0	0	0	0	0	0	0	300
Natl Ctr Education & Econ	2,050	0	0	0	0	0	0	0	0	0	2,050
Natl Dvlpmt & Rsch Inst	1,362	0	0	0	0	0	0	1,362	0	0	0
Natl Hemophilia Fdn	650	0	0	0	0	0	0	650	0	0	0
New York Acad of Med	525	0	0	0	0	0	0	525	0	0	0
North Shore U Hospital	8,753	0	0	164	0	0	0	8,589	0	0	0
Paleontological Rsch Inst	9	0	0	0	0	0	0	0	0	9	0
Population Council	6,358	0	0	0	0	0	0	6,301	0	57	0
Primary Mental Health Pro	134	0	0	0	0	0	0	134	0	0	0
Project Return Foundation	542	0	0	0	0	0	0	542	0	0	0
Public Health Res Inst	6,597	0	0	0	0	0	0	6,597	0	0	0
Riverside Research Inst	1,346	0	0	100	0	0	0	1,246	0	0	0
Rochester St Marys Hosp	315	0	0	0	0	0	0	315	0	0	0
Rsch Fdn Mental Hygiene	1,141	0	0	0	0	0	0	1,141	0	0	0
St Lukes Roosevlt Hosp C	742	0	0	0	0	0	0	742	0	0	0
St Lukes-Rsvlt Inst Hlth	12,835	0	0	0	0	0	0	12,835	0	0	0
Student Asst Svc Fdn	403	0	0	0	0	0	0	403	0	0	0
Syracuse Research Corp	1,620	0	0	1,348	0	0	272	0	0	0	0
Trudeau Institute Inc	4,258	0	0	0	0	0	0	4,258	0	0	0
United Engineering Trusts	153	0	0	20	0	13	0	0	0	120	0
United Negro College Fund	13	0	0	13	0	0	0	0	0	0	0
Vera Inst of Justice, Inc	144	0	0	0	0	0	0	0	0	0	144
Wildlife Conservation Soc	30	30	0	0	0	0	0	0	0	0	0
Winthrop U Hospital	201	0	0	0	0	0	0	201	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Middle Atlantic, continued:											
Pennsylvania, total	220,904	378	1,120	108,487	2,570	7,749	1,832	94,815	1,492	1,889	572
Acad Natural Sci Phila	170	0	0	0	0	0	0	0	0	170	0
Affordable Comfort	141	0	0	0	0	55	86	0	0	0	0
Air & Waste Mgt Assc	79	0	0	0	0	0	79	0	0	0	0
Albert Einstein Med Ctr	111	0	0	0	0	0	0	111	0	0	0
Allegheny Singer Rsch	1,741	0	0	0	0	0	0	1,741	0	0	0
Am Inst Rsch Pittsburgh	255	0	0	0	0	0	0	81	174	0	0
Am Soc Testing Materials	260	0	0	0	0	0	260	0	0	0	0
Carnegie Inst Pittsburgh	692	200	0	0	0	0	0	0	0	492	0
Chemical Heritage Fdn	49	0	0	0	0	0	0	0	0	49	0
Child Hosp Phila	37,726	0	0	0	0	0	0	37,726	0	0	0
Child Hosp Pittsburgh	10,368	0	520	2,037	0	0	0	7,811	0	0	0
Cmty Prevention Partner	559	0	0	0	0	0	0	559	0	0	0
Concurrent Tech Corp	108,720	0	0	103,339	0	4,256	1,125	0	0	0	0
Ctr Advcy Rghts Intst Eld	228	0	0	0	0	0	0	228	0	0	0
D Guthrie Fdn Med Rsch	490	0	0	0	0	0	0	490	0	0	0
Emergency Care Rsch Inst	2,568	0	0	0	0	0	0	2,568	0	0	0
Family Plng Cncl SE PA	508	0	0	0	0	0	0	508	0	0	0
Fox Chase Cancer Center	687	0	0	587	0	0	0	0	100	0	0
Franklin Inst	300	0	0	300	0	0	0	0	0	0	0
Geisinger Medical Center	378	178	0	0	0	0	0	200	0	0	0
Hamot Health Foundation	141	0	0	0	0	0	0	141	0	0	0
Inst Expermntl Psychiatry	196	0	0	0	0	0	0	0	196	0	0
Inst for Cancer Research	8,756	0	0	0	0	0	0	8,756	0	0	0
Intl Assoc Jewish Vocatio	339	0	0	0	0	0	0	0	0	0	339
Jewish Emplymnt&Vctnl Svc	125	0	0	0	125	0	0	0	0	0	0
Lankenau Hospital	480	0	0	0	0	0	0	480	0	0	0
Lankenau Med Rsch Center	3,465	0	0	0	0	0	0	3,465	0	0	0
MPC Corporation	4,583	0	0	1,620	0	0	0	2,963	0	0	0
Magee Womens Hosp	7,230	0	0	0	0	0	0	7,230	0	0	0
Materials Research Soc	53	0	0	36	0	0	0	0	0	17	0
Matrix Research Institute	625	0	0	0	625	0	0	0	0	0	0
Mercy Hosp of Pittsburgh	357	0	0	0	0	0	0	357	0	0	0
Mineral Metals Mat Soc	5	0	0	5	0	0	0	0	0	0	0
Monell Chem Senses Ctr	3,133	0	0	0	0	0	0	3,043	0	90	0
Moss Rehabilitation Hosp	1,314	0	0	0	345	0	0	969	0	0	0
National Technical Assn	73	0	0	0	0	0	0	0	73	0	0
Philadelphia Entrprs Ctr	600	0	600	0	0	0	0	0	0	0	0
Philadelphia Geriatrc Ctr	347	0	0	0	0	0	0	347	0	0	0
Pittsburgh Leadership Fdn	96	0	0	0	0	0	0	96	0	0	0
Rsch for Better Schools	1,475	0	0	0	1,475	0	0	0	0	0	0
Soc Automotive Engineers	76	0	0	0	0	0	0	0	0	41	35
Soc Indstrl Appld Math	229	0	0	0	0	40	0	0	0	189	0
Stroud Water Research Ctr	519	0	0	0	0	0	0	0	0	519	0
Treatment Research Inst	581	0	0	0	0	0	0	581	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Middle Atlantic, continued:											
Pennsylvania, continued:											
U City Science Center	3,905	0	0	225	0	3,398	282	0	0	0	0
Western PA Hospital	57	0	0	0	0	0	0	0	0	57	0
Wills Eye Hospital	171	0	0	0	0	0	0	171	0	0	0
Wistar Institute	15,745	0	0	338	0	0	0	14,193	949	265	0
Womens Assn Womens Alts	198	0	0	0	0	0	0	0	0	0	198
East North Central, total	272,877	479	3,922	63,921	7,611	3,041	12,787	159,010	15,443	5,000	1,663
Illinois, total	78,499	71	400	10,020	6,056	657	1,327	54,862	965	3,546	595
Am Acad of Pediatrics	1,222	0	0	0	0	0	12	1,210	0	0	0
Am Col of Radiology	11,231	0	0	0	0	0	0	11,231	0	0	0
Am Dental Assc for Hlth	795	0	0	0	0	0	0	795	0	0	0
Am Hospital Assciation	264	0	0	0	0	0	88	176	0	0	0
Am Public Works Assc	55	0	0	0	0	0	55	0	0	0	0
American Bar Foundation	323	0	0	0	0	0	0	0	0	323	0
American Judicature Socie	26	0	0	0	0	26	0	0	0	0	0
American Nuclear Society	45	0	0	0	0	0	0	0	0	0	45
American Planning Assc	365	0	0	0	0	0	0	0	0	0	365
Breaking Free Inc	142	0	0	0	0	0	0	142	0	0	0
Chestnut Health Systems	386	0	0	0	0	0	0	386	0	0	0
Chicago Acad of Sci	151	0	0	0	0	0	0	0	151	0	0
Chicago Commons Assoc	150	0	0	0	0	0	0	150	0	0	0
Chicago Health Outreach	150	0	0	0	0	0	0	150	0	0	0
Chicago Horticultural Soc	7	0	0	0	0	0	0	0	0	0	7
Ctr for Neighborhood Tech	137	0	0	0	0	0	137	0	0	0	0
Erikson Institute	234	0	0	0	234	0	0	0	0	0	0
Evanston Hospital	208	0	0	208	0	0	0	0	0	0	0
Farm Foundation	34	34	0	0	0	0	0	0	0	0	0
Field Museum Natural Hist	2,083	0	0	110	0	0	0	0	198	1,775	0
Gas Research Institute	10	0	0	0	0	0	0	0	0	0	10
Hektoen Inst Med Rsch	3,237	0	0	0	0	0	0	3,237	0	0	0
IIT Research Institute	11,475	0	0	8,037	0	0	0	2,911	527	0	0
Illinois State Museum	70	0	0	70	0	0	0	0	0	0	0
Ingalls Mem Hospital	181	0	0	0	0	0	0	181	0	0	0
Inst of Gas Technology	606	0	0	0	0	606	0	0	0	0	0
Internatl Map Trade Assoc	7	0	0	0	0	0	0	0	0	0	7
Jobs for Youth Chicago In	161	0	0	0	0	0	0	0	0	0	161
Juvenile Protection Assoc	250	0	0	0	0	0	0	250	0	0	0
Methdst Med Ctr-Peoria IL	262	0	0	0	0	0	0	262	0	0	0
Metro Chicago Info Ctr	37	37	0	0	0	0	0	0	0	0	0
Metropolitan Family Svcs	212	0	0	0	0	0	0	212	0	0	0
Midtown Educational Fdn	40	0	0	0	0	0	0	0	40	0	0
NC Rgn Educational Lab	3,255	0	0	0	3,255	0	0	0	0	0	0
Natl Commission on Correc	41	0	0	0	0	0	0	41	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
East North Central, continued:											
Illinois, continued:											
Natl Opinion Research Ctr	5,573	0	0	0	136	0	0	4,048	49	1,340	0
Natl Parent Tchrs Assoc	103	0	0	0	0	0	103	0	0	0	0
Natl Safety Council	932	0	0	0	0	0	932	0	0	0	0
Physicians Against Land M	850	0	0	0	850	0	0	0	0	0	0
Radiation Rsch Soc VA	25	0	0	0	0	25	0	0	0	0	0
Rehab Inst of Chicago	1,517	0	0	0	1,431	0	0	0	0	86	0
Rush Presbyterian St Luke	30,284	0	0	1,595	0	0	0	28,689	0	0	0
Second Harvest	400	0	400	0	0	0	0	0	0	0	0
Sinai Community Institute	96	0	0	0	0	0	0	96	0	0	0
Sinai Family Health Ctrs	695	0	0	0	0	0	0	695	0	0	0
Soc Integrative Comp Bio	22	0	0	0	0	0	0	0	0	22	0
Thresholds	150	0	0	0	150	0	0	0	0	0	0
Indiana, total	679	0	0	130	0	0	85	215	0	0	249
Hudson Institute	379	0	0	130	0	0	0	0	0	0	249
Methodist Hosp Indnpol IN	215	0	0	0	0	0	0	215	0	0	0
Reuse Dev Organization	85	0	0	0	0	0	85	0	0	0	0
Michigan, total	32,801	0	320	18,272	1,256	2,100	4,435	4,899	65	1,454	0
Ann Arbor Hands-On Musm	12	0	0	0	0	0	0	0	0	12	0
Butterworth Hospital	506	0	0	0	0	0	0	506	0	0	0
Community Health & Social	298	0	0	0	0	0	0	298	0	0	0
Ctr Env Plcy Econ & Sci	85	0	0	0	0	0	85	0	0	0	0
Ctr Social Gerontology	175	0	0	0	0	0	0	175	0	0	0
Elder Law of MI, Inc	132	0	0	0	0	0	0	132	0	0	0
Environmental Rsch Inst	12,873	0	320	10,388	0	2,100	0	0	65	0	0
Focus Hope	873	0	0	873	0	0	0	0	0	0	0
Hemophilia Foundation MI	706	0	0	0	0	0	0	706	0	0	0
Henry Ford Health System	259	0	0	259	0	0	0	0	0	0	0
High Scope Ed Rsch Fdn	500	0	0	0	0	0	0	500	0	0	0
Industrial Tech Institute	150	0	0	150	0	0	0	0	0	0	0
MI Mthdst Hosp Rehab Ctr	485	0	0	0	485	0	0	0	0	0	0
Merit Network, Inc	1,442	0	0	0	0	0	0	0	0	1,442	0
Michigan Biotech Inst	2,500	0	0	0	0	0	2,500	0	0	0	0
Michigan Molecular Inst	664	0	0	664	0	0	0	0	0	0	0
Michigan Public Hlth Inst	211	0	0	0	0	0	0	211	0	0	0
Migrant Health Promotion	297	0	0	0	0	0	0	297	0	0	0
NSF International	1,300	0	0	0	0	0	1,300	0	0	0	0
Natl Ctr Manufactrng Sci	6,488	0	0	5,938	0	0	550	0	0	0	0
Rehabilitation Inst MI	771	0	0	0	771	0	0	0	0	0	0
Well-Being Institute, Inc	753	0	0	0	0	0	0	753	0	0	0
William Beaumont Hospital	1,321	0	0	0	0	0	0	1,321	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
East North Central, continued:											
Ohio, total	145,837	350	3,202	35,499	299	284	6,573	84,441	14,370	0	819
Battelle Memorial Inst	55,150	0	0	23,733	0	0	6,573	17,119	6,906	0	819
Child Hosp Columbus	3,944	0	0	0	0	0	0	3,944	0	0	0
Child Hosp Med Ctr Cincin	28,008	350	0	823	149	184	0	26,502	0	0	0
Children's Hospital Medic	150	0	0	0	150	0	0	0	0	0	0
Cleveland Clinic Fdn	42,358	0	0	7,089	0	0	0	35,040	229	0	0
Cleveland Housing Network	525	0	525	0	0	0	0	0	0	0	0
East Cleveland Neighborho	96	0	0	0	0	0	0	96	0	0	0
Edison Materials Tech Ctr	100	0	0	0	0	100	0	0	0	0	0
Edison Weld Inst	3,354	0	0	3,354	0	0	0	0	0	0	0
Enterprise Dvlpmt Inc	149	0	0	0	0	0	0	0	149	0	0
Kettering Medical Center	400	0	0	0	0	0	0	400	0	0	0
Meyers Research Institute	75	0	0	0	0	0	0	75	0	0	0
Mt Sinai Hosp Cleveland	111	0	0	0	0	0	0	111	0	0	0
Natl Assn Local Brds Hlth	304	0	0	0	0	0	0	304	0	0	0
Ohio Aerospace Institute	10,263	0	2,677	500	0	0	0	0	7,086	0	0
St Vincent Mercy Med Ctr	400	0	0	0	0	0	0	400	0	0	0
Summa Health System	450	0	0	0	0	0	0	450	0	0	0
Wisconsin, total	15,061	58	0	0	0	0	367	14,593	43	0	0
Assoc State Floodpln Mgrs	89	0	0	0	0	0	89	0	0	0	0
Blood Ctr of Southeast WI	4,004	0	0	0	0	0	0	4,004	0	0	0
Cltn WI Aging Groups Inc	159	0	0	0	0	0	0	159	0	0	0
Forest Products Society	49	49	0	0	0	0	0	0	0	0	0
Grt Lakes Hemophilia Fdn	772	0	0	0	0	0	0	772	0	0	0
Madison Childrens Museum	9	9	0	0	0	0	0	0	0	0	0
Marshfield Med Rsch Fdn	9,708	0	0	0	0	0	50	9,658	0	0	0
North Am Lake Mgt Soc	128	0	0	0	0	0	128	0	0	0	0
Sinai Samaritan Med Ctr	43	0	0	0	0	0	0	0	43	0	0
Sixtnth St Cmty Hlth Ctr	100	0	0	0	0	0	100	0	0	0	0
West North Central, total	34,820	321	949	10,981	620	3,229	780	14,250	314	863	2,513
Iowa, total	4,175	35	0	0	0	2,580	0	1,560	0	0	0
Am Agricultural Econ Assn	15	15	0	0	0	0	0	0	0	0	0
Cncl Food Agri & Res Econ	20	20	0	0	0	0	0	0	0	0	0
Community Corrections Imp	95	0	0	0	0	0	0	95	0	0	0
Iowa Oncology Rsch Assc	335	0	0	0	0	0	0	335	0	0	0
Krell Institute, Inc	2,580	0	0	0	0	2,580	0	0	0	0	0
Legal Svcs Corp of Iowa	100	0	0	0	0	0	0	100	0	0	0
Mercy Foundation	793	0	0	0	0	0	0	793	0	0	0
Natl Assoc Injury Control	50	0	0	0	0	0	0	50	0	0	0
Winnebago Svc Area Hlth	187	0	0	0	0	0	0	187	0	0	0

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Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
West North Central, continued:											
Kansas, total	1,060	0	425	0	125	0	0	510	0	0	0
Association of Kansas Hos	425	0	425	0	0	0	0	0	0	0	0
Cerebral Palsy Rsch Fdn	125	0	0	0	125	0	0	0	0	0	0
St Francis Hosp (Wcht KS)	510	0	0	0	0	0	0	510	0	0	0
Minnesota, total	16,870	286	0	9,987	495	0	0	5,354	0	598	150
AMONG Amer Partnership	418	0	0	0	0	0	0	418	0	0	0
Interstudy	15	0	0	0	0	0	0	15	0	0	0
Mayo Foundation	7,271	286	0	6,540	345	0	0	0	0	100	0
Metropolitan Area Rsrch	150	0	0	0	0	0	0	0	0	0	150
Minneapolis Am Indian Ctr	96	0	0	0	0	0	0	96	0	0	0
Minneapolis Med Rsch Fdn	4,712	0	0	0	0	0	0	4,712	0	0	0
Minnesota Senior Fedrtn	53	0	0	0	0	0	0	53	0	0	0
Natl Marrow Donor Program	3,447	0	0	3,447	0	0	0	0	0	0	0
Pacer Center	210	0	0	0	150	0	0	60	0	0	0
Science Museum Minnesota	493	0	0	0	0	0	0	0	0	493	0
Society for Biomaterials	5	0	0	0	0	0	0	0	0	5	0
Missouri, total	11,537	0	0	994	0	649	530	6,566	314	265	2,219
Barnes-Jewish Hospital	126	0	0	0	0	0	0	126	0	0	0
Central Inst for the Deaf	314	0	0	0	0	0	0	0	314	0	0
Childrens Mercy Hosp	658	0	0	0	0	0	0	658	0	0	0
Cmty Alternatives Svc Prg	299	0	0	0	0	0	0	299	0	0	0
Committee for Auto Repair	530	0	0	0	0	0	530	0	0	0	0
Donald Danforth Plant Sci	207	0	0	0	0	207	0	0	0	0	0
Guadalupe Centers Inc	2,000	0	0	0	0	0	0	0	0	0	2,000
MO Mental Hlth Consumer	60	0	0	0	0	0	0	60	0	0	0
Midwest Research Inst	6,368	0	0	994	0	442	0	4,713	0	0	219
Missouri Botanical Garden	265	0	0	0	0	0	0	0	0	265	0
St Johns Mercy Med Ctr	260	0	0	0	0	0	0	260	0	0	0
Youth in Need	450	0	0	0	0	0	0	450	0	0	0
Nebraska, total	1,178	0	524	0	0	0	250	260	0	0	144
Fr Flanagan's Boys Home	200	0	0	0	0	0	0	200	0	0	0
Groundwater Fdn, The	225	0	0	0	0	0	200	0	0	0	25
NE Advocacy Services	60	0	0	0	0	0	0	60	0	0	0
National Arbor Day Fdn	50	0	0	0	0	0	50	0	0	0	0
North Platte Nebraska Hos	524	0	524	0	0	0	0	0	0	0	0
Platte Rvr Whooping Crane	119	0	0	0	0	0	0	0	0	0	119
South Atlantic, total	642,740	738	10,550	154,012	11,805	39,112	54,003	163,489	103,162	50,902	54,967
Delaware, total	902	0	0	0	150	0	0	677	75	0	0
A I DuPont Inst Nemours	225	0	0	0	150	0	0	0	75	0	0
Christiana Care Hlth Svc	63	0	0	0	0	0	0	63	0	0	0
Medical Center Delaware	553	0	0	0	0	0	0	553	0	0	0
Visiting Nurse Assn of DE	61	0	0	0	0	0	0	61	0	0	0

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Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
District of Columbia, total	219,624	573	605	35,671	4,519	13,562	38,454	50,834	26,083	15,662	33,661
Acad Ed Development Inc	1,457	0	0	0	1,100	0	261	96	0	0	0
Alliance to Save Energy	1,385	0	0	0	0	1,210	175	0	0	0	0
Am Assc Advancment Sci	1,417	0	0	0	0	50	740	0	203	424	0
Am Assc Cmty & Jr Col	60	0	0	0	0	0	0	0	0	0	60
Am Assc Retired Persons	435	0	0	0	0	0	0	435	0	0	0
Am Assoc Poison Control C	1,050	0	0	0	0	0	0	1,050	0	0	0
Am Assoc St Hwy&Trns Offc	130	0	0	0	0	0	0	0	0	0	130
Am Astronomical Society	191	0	0	0	0	0	0	0	191	0	0
Am Cncl Enrgy-Effcnt Econ	391	0	0	0	0	356	35	0	0	0	0
Am Col of Preventive Med	192	0	0	0	0	0	0	192	0	0	0
Am National Red Cross	2,634	0	0	1,973	0	0	0	661	0	0	0
Am Public Hlth Assoc	233	0	0	0	0	0	0	233	0	0	0
Am Registry Pathology	11,354	0	0	11,320	0	0	0	0	0	34	0
Am Soc Engineering Ed	3,740	0	0	3,595	0	0	45	0	50	50	0
Am Soc Microbiology	1,185	0	0	0	0	320	10	804	0	51	0
Am Statistical Assc	100	80	0	0	0	0	0	0	0	20	0
American Bar Association	180	0	0	0	0	0	0	180	0	0	0
American Chemical Society	408	35	0	5	0	273	77	0	0	18	0
American Farmland Trust	584	0	0	0	0	0	584	0	0	0	0
American Geophysicl Union	1,120	0	0	0	0	0	0	0	150	970	0
American Inst Architects	6	0	0	6	0	0	0	0	0	0	0
American Iron Steel Inst	2,413	0	0	0	0	2,413	0	0	0	0	0
American Lung Assoc	644	0	0	0	0	0	644	0	0	0	0
Appletree Inst for Edu In	150	0	0	0	0	0	0	150	0	0	0
Appropriate Tech Intl	40	0	0	0	0	0	40	0	0	0	0
Aspen Institute	50	0	0	0	0	0	50	0	0	0	0
Assc Am Geographers	150	0	0	0	0	0	0	0	150	0	0
Assc American Railroads	4,176	0	0	0	0	0	0	0	0	0	4,176
Assn Tch Preventive Med	9,404	0	0	0	0	0	0	9,404	0	0	0
Assn of Amer Med Colleges	270	0	0	0	0	0	0	270	0	0	0
Assoc Cnty Cty Hlth Offcl	2,209	0	0	0	0	0	167	2,042	0	0	0
Assoc Hlth Services Rsch	1,292	0	0	0	0	0	0	1,292	0	0	0
Assoc Metro Sewerage Ags	115	0	0	0	0	0	115	0	0	0	0
Assoc State & Terr Hlth	1,848	0	0	0	0	0	55	1,793	0	0	0
Assoc State Enrgy Offcls	318	0	0	0	0	0	318	0	0	0	0
Assoc Svc & Cnsrvtn Corps	75	0	0	0	0	0	75	0	0	0	0
Assoc Unmand Vehicle Sys	40	0	0	40	0	0	0	0	0	0	0
Assoc Water Pltn Control	125	0	0	0	0	0	125	0	0	0	0
Association for Environme	10	10	0	0	0	0	0	0	0	0	0
BSR Education Fund	70	0	0	0	0	0	70	0	0	0	0
Biophysical Society	16	0	0	0	0	0	0	0	0	16	0
Brookings Institution	658	0	0	0	0	0	210	125	0	323	0
Carnegie Inst Washington	11,510	105	0	98	0	1,646	0	2,476	1,892	5,293	0
Center City Community Cor	150	0	0	0	0	0	0	150	0	0	0
Center Marine Converv	727	0	0	0	0	0	727	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
District of Columbia, continued:											
Child Hosp Natl Med Ctr	3,310	0	0	0	0	0	0	3,310	0	0	0
Civil Eng Research Fdn	515	0	15	0	0	0	500	0	0	0	0
Climate Institute	140	0	0	0	0	125	15	0	0	0	0
Cmty Preservation & Dev	500	0	500	0	0	0	0	0	0	0	0
Cmty Trans Assc of Am	600	0	0	0	0	0	0	600	0	0	0
Cncl Chief St Schl Offcrs	179	0	0	0	179	0	0	0	0	0	0
Community Connections	525	0	0	0	0	0	0	525	0	0	0
Concern, Inc	90	0	0	0	0	0	90	0	0	0	0
Conference Board Math Sci	62	0	0	0	0	0	0	0	0	62	0
Ctr Strategic Intl Study	833	0	0	833	0	0	0	0	0	0	0
Ctr for Clean Air Policy	980	0	0	0	0	459	521	0	0	0	0
Ctr for Community Change	12	0	0	0	0	0	0	0	0	0	12
Environmental Law Inst	1,177	0	0	0	0	0	1,177	0	0	0	0
Equity Research Corp	75	0	0	0	0	0	0	0	75	0	0
Friendship House Associat	85	0	0	0	0	0	0	85	0	0	0
German-Am Acad Cncl Fdn	20	0	0	0	0	0	0	0	0	20	0
Green Seal	63	0	0	0	0	23	40	0	0	0	0
HJ Heinz Ctr Sci Econ Env	475	0	0	475	0	0	0	0	0	0	0
Inst Womens Policy Rsch	25	0	0	0	0	0	0	0	0	0	25
Interam Col Phys & Surg	15	0	0	0	0	0	0	15	0	0	0
Internatl Life Sci Inst	420	0	0	0	0	0	420	0	0	0	0
Intl City Mgt Assc	2,127	0	0	0	0	0	2,127	0	0	0	0
Intl Food Polcy Rsch Inst	55	55	0	0	0	0	0	0	0	0	0
Intl Inst Energy Csrvtn	346	0	0	0	0	0	346	0	0	0	0
J Kennedy Inst Hsng Corp	611	0	0	0	0	0	0	0	0	0	611
Justice Rsch & Stat Assoc	701	0	0	0	0	0	0	0	0	0	701
Latin American Youth Cent	96	0	0	0	0	0	0	96	0	0	0
League of Women Voters	70	0	0	0	0	0	70	0	0	0	0
Medlantic Health Care Grp	5,147	0	0	0	1,117	0	0	4,030	0	0	0
NE-Midwest Inst	454	0	0	0	0	225	229	0	0	0	0
NEA Health Info Network	145	0	0	0	0	0	145	0	0	0	0
Nat'l Black Women's Healt	266	0	0	0	0	0	0	266	0	0	0
National Center for Food	139	139	0	0	0	0	0	0	0	0	0
National Governors Assc	741	0	0	0	0	0	473	0	0	0	268
Natl Acad Public Admin	697	0	0	0	0	386	0	0	0	123	188
Natl Academy of Sciences	65,839	0	90	16,301	50	4,401	2,582	9,763	17,082	6,578	8,992
Natl Alliance St Sci Math	500	0	0	0	0	0	0	0	500	0	0
Natl Alliance of Bus DC	1,300	0	0	0	0	0	0	0	0	0	1,300
Natl Allnc End Hmlessness	100	0	0	0	0	0	0	0	0	0	100
Natl Am Indian Hsng Cncl	50	0	0	0	0	50	0	0	0	0	0
Natl Assc Agencies Aging	800	0	0	0	0	0	0	800	0	0	0
Natl Assc Equal Oppor Ed	380	0	0	0	0	0	0	230	0	0	150
Natl Assc St Units Aging	425	0	0	0	0	0	0	400	0	0	25
Natl Assc of Counties	1,296	0	0	0	0	175	899	0	0	0	222

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
District of Columbia, continued:											
Natl Assn Regional Cncls	25	0	0	0	0	0	0	0	0	0	25
Natl Assn Srv&Cnsrvt Crps	97	0	0	0	0	0	97	0	0	0	0
Natl Assoc Local Govt Env	100	0	0	0	0	0	100	0	0	0	0
Natl Assoc Reg Util Comms	434	0	0	0	0	434	0	0	0	0	0
Natl Assoc St Consmr Adv	64	0	0	0	0	64	0	0	0	0	0
Natl Biomedical Rsch Fdn	1,509	0	0	0	0	0	0	1,226	0	283	0
Natl Caucus Ctr Black Age	1,327	0	0	0	0	0	1,177	150	0	0	0
Natl Cltn Adv Mnfctrng	6	0	0	0	0	0	0	0	0	0	6
Natl Cmpgn Prvnt Teen Prg	115	0	0	0	0	0	0	115	0	0	0
Natl Cncl Negro Wmn (DC)	25	0	0	0	0	0	0	0	0	0	25
Natl Cncl Teachers Math	17	0	0	0	0	0	0	0	0	17	0
Natl Council on Aging	1,292	0	0	0	0	0	972	320	0	0	0
Natl Council on La Raza	272	0	0	0	0	0	72	0	200	0	0
Natl Ctr Adv Technologies	479	0	0	479	0	0	0	0	0	0	0
Natl Ctr Strategic Nonpro	500	0	0	0	0	0	0	0	0	0	500
Natl Ctr for Small Cmnts	50	0	0	0	0	0	50	0	0	0	0
Natl Ctzn Cltn Nrsg Hm Rf	400	0	0	0	0	0	0	400	0	0	0
Natl Env Ed & Trng Fdn	440	0	0	0	0	0	440	0	0	0	0
Natl Fish & Wildlife Fdn	250	0	0	0	0	0	240	0	0	0	10
Natl Hispanic Cncl Aging	390	0	0	0	0	0	0	390	0	0	0
Natl Hispanic Housng Cncl	312	0	0	0	0	0	0	0	0	0	312
Natl Inst of Bldg Science	622	0	0	263	0	0	0	0	0	0	359
Natl Legal Aid & Defender	48	0	0	0	0	0	0	0	0	0	48
Natl Medical Assoc	50	0	0	0	0	0	0	50	0	0	0
Natl Sci Teachers Assc	. 429	0	0	0	0	0	0	0	2,429	0	0
Natl Sr Citizen Law Ctr	175	0	0	0	0	0	0	175	0	0	0
Natl Sr Ctzns Ed & Rsch	1,222	0	0	0	0	0	1,222	0	0	0	0
Natl Youth Employmnt Cltn	725	0	0	0	0	0	0	0	0	0	725
Natural Res Def Cncl	275	0	0	0	0	275	0	0	0	0	0
Oceanic Society	4	0	0	4	0	0	0	0	0	0	0
Older Womens Lg (DC)	71	0	0	0	0	0	0	71	0	0	0
Operation Respond	225	0	0	0	0	0	0	0	0	0	225
Optical Soc of America	83	0	0	78	0	0	0	0	5	0	0
Pacific Economic Cooperat	15	15	0	0	0	0	0	0	0	0	0
Pension Rights Center	150	0	0	0	0	0	0	150	0	0	0
Pinchot Institute for Con	70	70	0	0	0	0	0	0	0	0	0
Police Executive Research	445	0	0	0	0	0	0	0	0	0	445
Potomac Inst Policy Stud	201	0	0	201	0	0	0	0	0	0	0
Public Technology, Inc	75	0	0	0	0	0	75	0	0	0	0
Qualty Ed for Minor Netwk	2,880	0	0	0	0	0	0	0	2,820	60	0
Rad Tech Comm Aerontcs	106	0	0	0	0	0	0	0	106	0	0
Renew America	95	0	0	0	0	0	95	0	0	0	0
Resources for the Future	1,190	0	0	0	0	160	568	0	100	362	0
Rndtbl State Pltn Prvntn	93	0	0	0	0	0	93	0	0	0	0
Rule of Law Foundation	1,416	0	0	0	0	0	0	0	0	0	1,416

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
District of Columbia, continued:											
SPRY Foundation	197	0	0	0	0	0	0	197	0	0	0
Soc Developmental Bio	20	0	0	0	0	0	0	0	0	20	0
Soc Res in Child Dev	196	0	0	0	0	0	0	196	0	0	0
St Francis Center	150	0	0	0	0	0	0	150	0	0	0
St Terr Air Pltn Prgm Adm	2,246	0	0	0	0	0	2,246	0	0	0	0
Surface Trans Plcy Prjct	230	0	0	0	0	0	230	0	0	0	0
US Conf Mayors Rsch & Ed	923	0	0	0	0	0	473	0	0	0	450
United Cerebral Palsy	2,719	0	0	0	2,073	0	0	0	25	0	621
United States Conf Mayors	178	0	0	0	0	0	0	0	0	0	178
Univ Corp Advcd Internet	517	0	0	0	0	517	0	0	0	0	0
Universities Rsch Assc	938	0	0	0	0	0	0	0	0	938	0
Urban Institute	15,711	50	0	0	0	0	0	5,371	0	0	10,290
Urban Land Institute	294	0	0	0	0	0	88	0	0	0	206
Welfare to Work Partnersh	250	0	0	0	0	0	0	0	0	0	250
Wildlife Management Inst	20	0	0	0	0	0	10	0	0	0	10
Wmns Inst Secure Retirmnt	250	0	0	0	0	0	0	250	0	0	0
Women Work! Natl Ntwk	600	0	0	0	0	0	0	0	0	0	600
World Resources Institute	16,154	0	0	0	0	0	16,049	0	105	0	0
World Wildlife Fund US	14	14	0	0	0	0	0	0	0	0	0
Wshngtn Very Special Arts	150	0	0	0	0	0	0	150	0	0	0
Florida, total	10,525	0	307	1,200	0	0	104	4,833	227	3,839	15
Archbold Biological Stn	250	0	0	0	0	0	0	0	0	250	0
Center for Drug-Free Livi	400	0	0	0	0	0	0	400	0	0	0
FL Environmntl Rsch Inst	155	0	0	155	0	0	0	0	0	0	0
Family Resources Inc	96	0	0	0	0	0	0	96	0	0	0
Global Foundation, Inc	3	0	0	0	0	0	0	0	0	3	0
Gulf Coast Cmty Care	60	0	0	0	0	0	0	60	0	0	0
Harbor Branch Ocean Inst	5,072	0	59	1,045	0	0	0	455	227	3,286	0
House Next Door	96	0	0	0	0	0	0	96	0	0	0
Marie Selby Botan Gardens	300	0	0	0	0	0	0	0	0	300	0
Mote Marine Laboratory	235	0	210	0	0	0	10	0	0	0	15
Mt Sinai Hosp Med Ctr FL	2,665	0	0	0	0	0	0	2,665	0	0	0
National Forensic Science	38	0	38	0	0	0	0	0	0	0	0
Peer Center, Inc	509	0	0	0	0	0	0	509	0	0	0
Real Estate Ed Assn	11	0	0	0	0	0	11	0	0	0	0
SEATC Fdn Env Ed	83	0	0	0	0	0	83	0	0	0	0
Tri-County Human Svc, Inc	552	0	0	0	0	0	0	552	0	0	0
Georgia, total	12,809	0	460	1,029	794	2,350	0	6,865	500	39	772
Am Soc for Photobiology	39	0	0	0	0	0	0	0	0	39	0
American Cancer Society	267	0	0	0	0	0	0	267	0	0	0
Atlanta Legal Aid Society	100	0	0	0	0	0	0	100	0	0	0
Boys&Girls Club Am	225	0	0	0	0	0	0	0	0	0	225

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Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
Georgia, continued:											
Georgia Environmental Org	1,584	0	0	0	0	1,584	0	0	0	0	0
Goodwill Indus Atlanta	339	0	0	0	0	0	0	0	0	0	339
Minority Hlth Prof Fdn	5,348	0	0	0	0	0	0	5,348	0	0	0
Natl Cncl Negro Wmn (GA)	75	0	0	0	0	0	0	0	0	0	75
Natl Cnfc Black Mayor	133	0	0	0	0	0	0	0	0	0	133
Rehabilitation Exposure	500	0	0	0	0	0	0	500	0	0	0
SE Cnstrm Minorities Eng	500	0	0	0	0	0	0	0	500	0	0
Shepard Spinal Center	644	0	0	0	644	0	0	0	0	0	0
Shepherd Center, Inc	460	0	460	0	0	0	0	0	0	0	0
Skidaway Inst Oceanog	1,390	0	0	1,029	0	361	0	0	0	0	0
Southern State Energy	405	0	0	0	0	405	0	0	0	0	0
St & Terr Injury Preventi	169	0	0	0	0	0	0	169	0	0	0
St Josephs Hosp (Atln GA)	481	0	0	0	0	0	0	481	0	0	0
Wholistic Stress Control	150	0	0	0	150	0	0	0	0	0	0
Maryland, total	202,128	68	250	52,022	1,033	10,735	1,572	38,038	68,963	12,573	16,874
Academy Natural Sciences	989	0	0	0	0	0	407	0	0	0	582
Am Assc Immunologists	79	0	0	0	0	0	0	79	0	0	0
Am Fisheries Society	238	0	0	0	0	0	215	0	0	0	23
Am Physical Society	237	0	0	0	0	40	0	0	0	197	0
Am Physiological Society	5	0	0	5	0	0	0	0	0	0	0
Am Soc Cell Biology	105	0	0	97	0	0	0	0	0	8	0
Am Speech Lang&Hearng	125	0	0	0	125	0	0	0	0	0	0
Am Type Culture Col	2,103	0	0	0	0	0	0	1,278	0	825	0
American Inst Physics	7	0	2	0	0	0	0	0	0	5	0
American Society for Nutr	39	0	0	0	0	0	0	39	0	0	0
Assc U Rsch in Astronomy	62,304	0	0	70	0	0	0	0	62,234	0	0
Biores Dvlpmnt&Consrv Pgm	176	0	0	176	0	0	0	0	0	0	0
Chesapeake Rsch Cnsrtm	126	0	0	0	0	0	0	0	0	126	0
Ctr Adv Hispanics Sci Eng	107	0	0	0	0	0	0	0	107	0	0
Ctr Hlth Policy Studies	25	0	0	0	0	0	0	25	0	0	0
Ctr Watershed Protection	35	0	0	0	0	0	35	0	0	0	0
Development Training Inst	100	0	0	0	0	0	100	0	0	0	0
Ecological Soc of America	224	31	0	0	0	0	80	0	10	0	103
Einstn Inst Sci Hlth Crts	535	0	0	0	0	535	0	0	0	0	0
Entomological Soc of Am	50	0	0	0	0	0	0	0	0	50	0
Epilepsy Fdn America	300	0	0	0	0	0	0	0	0	0	300
Family Service Agcy, Inc	417	0	0	0	0	0	0	417	0	0	0
Fed Am Soc Exper Biol	121	25	0	0	0	10	0	0	0	86	0
Friends Med Sci Rsch Ctr	6,396	0	0	0	0	0	0	6,396	0	0	0
Friends Rsch Inst, Inc	1,578	0	0	0	0	0	0	1,578	0	0	0
Growth Management Inst	99	0	0	0	0	0	99	0	0	0	0
H M Jackson Foundation	65,069	0	0	51,624	0	446	0	12,763	60	176	0
Inst Global Environment	2,871	0	0	0	0	0	0	0	1,636	1,235	0
Inst for Genomic Research	18,845	0	0	0	0	9,330	0	0	0	9,515	0
Intl Assoc of Psychosocia	573	0	0	0	0	0	0	0	0	0	573
Intl Braille Research Ctr	125	0	0	0	125	0	0	0	0	0	0

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Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
Maryland, continued:											
Intr-Indstry Ec Rsch Fund	99	0	0	0	0	0	0	99	0	0	0
Izaak Walton League Am	30	0	0	0	0	0	30	0	0	0	0
J Hopkins Bayview Med Ctr	9,516	0	0	0	0	0	0	9,516	0	0	0
Kennedy Rsch Inst Inc	354	0	0	0	0	0	0	354	0	0	0
Legal Aid Bureau, Inc	110	0	0	0	0	0	0	110	0	0	0
Life Science Rsch Fdn	369	0	0	0	0	369	0	0	0	0	0
Mainstream Inc	300	0	0	0	0	0	0	0	0	0	300
Melwood Hort Training Ctr	4,356	0	0	0	0	0	0	0	4,356	0	0
Natl Assc Home Builders	5,111	0	248	0	0	0	358	0	0	0	4,505
Natl Blood Data Resource	53	0	0	0	0	0	0	53	0	0	0
Natl Federation of the Bl	488	0	0	0	0	0	0	0	0	0	488
Natl Public Svc Rsch Inst	175	0	0	0	175	0	0	0	0	0	0
Natl Radiatn Protect Meas	338	0	0	50	0	0	158	0	130	0	0
On Our Own of MD, Inc	95	0	0	0	0	0	0	95	0	0	0
Pacific Inst Rsch&Eval MD	4,637	0	0	0	0	0	0	4,637	0	0	0
People to People Hlth Fdn	400	0	0	0	0	0	0	400	0	0	0
Role Models America Inc	10,000	0	0	0	0	0	0	0	0	0	10,000
Sci Comm Oceanic Rsch	410	0	0	0	0	0	0	0	112	298	0
Sinai Hospital Baltimore	140	0	0	0	0	0	0	140	0	0	0
Soc Advancement Chicanos	108	0	0	0	0	5	0	0	61	42	0
Soc for Neuroscience	10	0	0	0	0	0	0	0	0	10	0
Soc of American Forests	12	12	0	0	0	0	0	0	0	0	0
Transcen, Inc	608	0	0	0	608	0	0	0	0	0	0
U Assoc Rsch & Ed Pathol	59	0	0	0	0	0	0	59	0	0	0
University Rsch Fdn	257	0	0	0	0	0	0	0	257	0	0
Wildlife Habitat Council	90	0	0	0	0	0	90	0	0	0	0
North Carolina, total	81,896	87	0	7,126	825	1,700	4,946	60,430	4,240	76	2,466
Botanical Garden Fdn, Inc	87	87	0	0	0	0	0	0	0	0	0
Carolinas Medical Ctr	369	0	0	0	345	0	0	0	24	0	0
Family Health Intl	19,396	0	0	0	0	0	0	19,396	0	0	0
MCNC(Microelectrn Ctr NC)	6,346	0	0	5,162	0	0	1,108	0	0	76	0
Natl Inst Statistical Sci	25	0	0	0	0	0	25	0	0	0	0
Orlena Hawks Puckett Inst	480	0	0	0	480	0	0	0	0	0	0
Public School Forum of NC	548	0	0	0	0	0	548	0	0	0	0
Research Triangle Inst	54,645	0	0	1,964	0	1,700	3,265	41,034	4,216	0	2,466
South Carolina, total	11,792	0	250	6,993	0	4,165	0	275	0	109	0
Intst Shellfish Sanitatio	525	0	250	0	0	0	0	275	0	0	0
SC Research Authority	7,053	0	0	6,993	0	60	0	0	0	0	0
SC Research Inst	109	0	0	0	0	0	0	0	0	109	0
South Carolina Universiti	4,105	0	0	0	0	4,105	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
Virginia, total	93,399	10	8,678	46,368	3,009	4,699	7,332	1,021	2,524	18,579	1,179
Agate Alliance Assn, Inc	575	0	0	0	0	0	0	0	575	0	0
Air Conditioning & Refrig	1,000	0	0	0	0	1,000	0	0	0	0	0
Am Geological Institute	1,340	0	0	0	0	998	0	0	0	159	183
Am Inst Biological Sci	278	0	0	278	0	0	0	0	0	0	0
Am Wind Energy Assc	364	0	0	0	0	364	0	0	0	0	0
American Society Training	25	0	0	0	0	0	0	0	0	0	25
Analytic Services, Inc	33,009	0	0	33,009	0	0	0	0	0	0	0
Assoc Farmworker Opprtnty	200	0	0	0	0	0	200	0	0	0	0
Carib Marine Rsch Ctr	142	0	0	142	0	0	0	0	0	0	0
Challngr Ctr Space Sci Ed	500	0	0	0	0	0	0	0	500	0	0
Child Development Resourc	450	0	0	0	450	0	0	0	0	0	0
Cmpstng Cncl Rsch&Ed Fdn	45	0	0	0	0	0	45	0	0	0	0
Cncl Prof Assoc Fed Stats	10	0	0	0	0	0	0	0	0	0	10
Cncl St Sci Supervisors	111	0	0	0	0	0	0	0	111	0	0
Corp Natl Rsch Initiative	9,655	0	0	9,605	0	0	0	0	0	50	0
Env Allnc Senior Invlvmnt	100	0	0	0	0	0	100	0	0	0	0
Flight Safety Foundation	410	0	0	0	0	0	0	0	410	0	0
Global Env Tech Fdn	2,238	0	0	0	0	900	1,338	0	0	0	0
Greater WA Ed Telecomm	500	0	0	0	500	0	0	0	0	0	0
Green Thumb	25	0	0	0	0	0	0	0	0	0	25
Hampshire Rsch Inst	661	0	0	0	0	0	661	0	0	0	0
Human Resources Rsch Org	3,256	0	0	3,256	0	0	0	0	0	0	0
Inc Rsch Insts Seismology	12,365	0	0	0	0	0	0	0	0	12,365	0
Inst Regulatory Science	1,195	0	0	0	0	1,195	0	0	0	0	0
Inst Social Analysis Assc	149	0	149	0	0	0	0	0	0	0	0
Inst for Law & Justice	350	0	0	0	0	0	0	0	0	0	350
Interface Fdn of North Am	10	0	0	0	0	0	0	0	0	10	0
Intl Technology Ed Assoc	194	0	0	0	0	0	0	0	194	0	0
KISS Inst Practical Rbtcs	177	0	0	0	0	0	0	0	177	0	0
Marine Science Cnsrtm	2,281	0	2,281	0	0	0	0	0	0	0	0
Mathcounts Foundation	25	0	0	0	0	0	0	0	25	0	0
Musculoskeletal Sci Rsch	75	0	0	0	0	0	0	0	0	75	0
Natl Alliance Mentaly Ill	610	0	0	0	0	0	0	610	0	0	0
Natl Assn St Dir Spcl Ed	160	0	0	0	160	0	0	0	0	0	0
Natl Assn State Brds Ed	200	0	0	0	200	0	0	0	0	0	0
Natl Assoc Childrens Hosp	300	0	0	0	0	0	0	300	0	0	0
Natl Aviation Rsch Inst	500	0	0	0	0	0	0	0	500	0	0
Natl Captioning Institute	1,699	0	0	0	1,699	0	0	0	0	0	0
Natl Conf State Bldg Code	248	0	248	0	0	0	0	0	0	0	0
Natl Ctr for State Courts	160	0	0	0	0	0	0	0	0	0	160
Natl Recycling Cltn	168	0	0	0	0	0	168	0	0	0	0
Natl Soc Black Engineers	32	0	0	0	0	0	0	0	32	0	0
Nature Conservancy	6,789	0	6,000	78	0	242	100	0	0	43	326
Rural Cmty Assistant Prgm	545	0	0	0	0	0	545	0	0	0	0
Society for Tropical Vete	10	10	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
Virginia, continued:											
Southeastern U Rsch Assc	739	0	0	0	0	0	0	0	0	739	0
Substance Abuse and Addic	111	0	0	0	0	0	0	111	0	0	0
Terrene Institute	160	0	0	0	0	0	160	0	0	0	0
US Cvln R&D Fdn Indep Sts	5,138	0	0	0	0	0	0	0	0	5,138	0
Village Foundation	100	0	0	0	0	0	0	0	0	0	100
Water Env Federation	1,090	0	0	0	0	0	1,090	0	0	0	0
Water Env Rsch Fdn	2,925	0	0	0	0	0	2,925	0	0	0	0
West Virginia, total	9,665	0	0	3,603	1,475	1,901	1,595	516	550	25	0
Appalachia Ed Lab	1,490	0	0	0	1,475	0	0	0	0	15	0
Conservation Fund, The	25	0	0	0	0	0	25	0	0	0	0
Karst Waters Institute	10	0	0	0	0	0	0	0	0	10	0
North Central West Virgin	90	0	0	0	0	0	0	90	0	0	0
WV High Tech Cnsrtm	4,153	0	0	3,603	0	0	0	0	550	0	0
WV Mntl Hlth Consumers As	426	0	0	0	0	0	0	426	0	0	0
WV Research Corp	3,471	0	0	0	0	1,901	1,570	0	0	0	0
East South Central, total	54,551	1,070	509	4,445	149	116	278	44,661	2,710	562	51
Alabama, total	16,159	0	0	4,445	0	116	33	11,024	39	502	0
Marine Environ Sci Cnsrtm	535	0	0	0	0	0	33	0	0	502	0
Mntl Hlth Consumers of AL	315	0	0	0	0	0	0	315	0	0	0
SE Ctr Elec Eng Ed	662	0	0	662	0	0	0	0	0	0	0
Southern Research Inst	14,647	0	0	3,783	0	116	0	10,709	39	0	0
Kentucky, total	857	27	0	0	149	0	245	436	0	0	0
Access to Justice Fdn	100	0	0	0	0	0	0	100	0	0	0
Bluegrass Regional MH-MR	60	0	0	0	0	0	0	60	0	0	0
Cncl for Retarded Citizen	149	0	0	0	149	0	0	0	0	0	0
Cncl of State Governments	245	0	0	0	0	0	245	0	0	0	0
Conf Radiatn Cntrl Drctrs	215	0	0	0	0	0	0	215	0	0	0
Louis Jeffrsn Cnties Cmty	61	0	0	0	0	0	0	61	0	0	0
National Institute for An	27	27	0	0	0	0	0	0	0	0	0
Mississippi, total	3,863	1,043	149	0	0	0	0	0	2,671	0	0
Gulf Coast Rsch Lab	786	786	0	0	0	0	0	0	0	0	0
Inst for Technology Dev	2,928	257	0	0	0	0	0	0	2,671	0	0
North Mississippi Medical	149	0	149	0	0	0	0	0	0	0	0
Tennessee, total	33,672	0	360	0	0	0	0	33,201	0	60	51
American Economic Assc	60	0	0	0	0	0	0	0	0	60	0
Clinch-Powell Resource Co	360	0	360	0	0	0	0	0	0	0	0
Ducks Unlimited, Inc	26	0	0	0	0	0	0	0	0	0	26
Southeast TN Legal Svcs	110	0	0	0	0	0	0	110	0	0	0
St Jude Child Rsch Hosp	33,031	0	0	0	0	0	0	33,031	0	0	0
TN Conservation League	25	0	0	0	0	0	0	0	0	0	25
TN Mntl Hlth Consum Assn	60	0	0	0	0	0	0	60	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
West South Central, total	151,636	988	519	13,626	4,978	2,741	3,347	20,079	101,766	1,367	2,225
Arkansas, total	1,410	0	0	0	0	0	0	1,410	0	0	0
Arkansas Children's Hosp	800	0	0	0	0	0	0	800	0	0	0
Arkansas Seniors Organize	79	0	0	0	0	0	0	79	0	0	0
Cntr for Youth and Family	531	0	0	0	0	0	0	531	0	0	0
Louisiana, total	993	40	0	0	0	0	0	953	0	0	0
Alton Ochsner Med Fdn	535	0	0	0	0	0	0	535	0	0	0
Cncl Alch Drg Abuse NW LA	418	0	0	0	0	0	0	418	0	0	0
Sugar Process Rsch Inst	40	40	0	0	0	0	0	0	0	0	0
Oklahoma, total	15,265	0	0	879	0	453	347	12,765	270	551	0
Aerospace States Assn	270	0	0	0	0	0	0	0	270	0	0
Family and Childrens' Svc	696	0	0	0	0	0	0	696	0	0	0
Groundwater Prtctn Cncl	120	0	0	0	0	0	120	0	0	0	0
ITT Research Inst	453	0	0	0	0	453	0	0	0	0	0
Oklahoma Med Rsch Fdn	13,499	0	0	879	0	0	0	12,069	0	551	0
Soc Applied Anthropology	227	0	0	0	0	0	227	0	0	0	0
Texas, total	133,968	948	519	12,747	4,978	2,288	3,000	4,951	101,496	816	2,225
ARC, The	477	0	0	0	177	0	0	0	0	0	300
Aliviane, Inc	605	0	0	0	0	0	0	605	0	0	0
Bat Conservation Intl	80	0	0	0	0	0	0	0	0	0	80
Cancer Cnsrtm of El Paso	241	0	0	0	0	0	0	241	0	0	0
Centro De Salud Familiar	56	0	56	0	0	0	0	0	0	0	0
Dallas Helps	205	0	0	0	0	0	0	205	0	0	0
Depelchin Childrens Cente	150	0	0	0	0	0	0	150	0	0	0
Good Smaritan Ctr of San	90	0	0	0	0	0	0	90	0	0	0
Hispanic Assc Col & U	1,948	948	0	0	0	0	0	0	1,000	0	0
Houston Advanced Rsch	25	0	0	0	0	0	25	0	0	0	0
Houston Area Research Ctr	770	0	0	770	0	0	0	0	0	0	0
Inst Rehab & Rsch	2,576	0	0	0	2,576	0	0	0	0	0	0
Institute Aerobics Rsch	1,571	0	0	0	0	0	0	1,571	0	0	0
John C. Ford Program, Inc	390	0	390	0	0	0	0	0	0	0	0
M Leind Natl Air Txc Rsch	1,950	0	0	0	0	0	1,950	0	0	0	0
Mntl Hlth Assn Tarrant	97	0	0	0	0	0	0	97	0	0	0
Mntl Hlth Assn of Houston	149	0	0	0	0	0	0	149	0	0	0
Natl Assc Corrosion Eng	20	0	0	20	0	0	0	0	0	0	0
Natl Fdn for IPM Ed	824	0	0	0	0	0	824	0	0	0	0
Oficina Legal del Pueblo	25	0	0	0	0	0	0	25	0	0	0
Retina Fdn of the SW	204	0	0	0	0	0	0	204	0	0	0
Rio Grande Valley Cncl	630	0	0	0	0	0	0	630	0	0	0
SER Jobs for Progress Sou	250	0	0	0	0	0	0	0	0	0	250
Scott and White Mem Hosp	568	0	0	0	0	0	0	568	0	0	0
Sen Citizens Grtr Dallas	61	0	0	0	0	0	0	61	0	0	0
Southwest Ed Dev Lab	2,225	0	0	0	2,225	0	0	0	0	0	0
Southwest Research Inst	33,704	0	0	9,908	0	430	0	0	21,208	563	1,595

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
West South Central, continued:											
Texas, continued:											
Stehlin Fnd for Cncr Rsch	147	0	0	0	0	0	0	147	0	0	0
TX Mntl Hlth Consumers	60	0	0	0	0	0	0	60	0	0	0
Texas Eng Expmt Station	2,207	0	0	0	0	1,858	201	148	0	0	0
Universities Space Rsch	81,590	0	0	2,049	0	0	0	0	79,288	253	0
Valley Zoological Society	73	0	73	0	0	0	0	0	0	0	0
Mountain, total	94,043	1,432	0	2,518	2,468	19,714	11,124	46,687	3,803	1,922	4,375
Arizona, total	8,695	30	0	693	0	33	45	6,401	1,233	260	0
AZ-MX Border Health Fdn	746	0	0	0	0	0	0	746	0	0	0
Arizona's Children Assoc	96	0	0	0	0	0	0	96	0	0	0
Ctr for Desert Archaelogy	29	0	0	0	0	0	0	0	0	29	0
Desert Botanical Garden	24	24	0	0	0	0	0	0	0	0	0
Good Samaritan Med Ctr	703	0	0	0	0	0	0	703	0	0	0
Lowell Observatory	2,157	0	0	693	0	0	0	0	1,233	231	0
Malpai Borderlands Group	6	6	0	0	0	0	0	0	0	0	0
Museum of Northern AZ	33	0	0	0	0	33	0	0	0	0	0
Natl Env Training Assoc	45	0	0	0	0	0	45	0	0	0	0
Navajo Natl Health Fdn	150	0	0	0	0	0	0	150	0	0	0
Our Town Family Center	308	0	0	0	0	0	0	308	0	0	0
Pima Prevention Partnersh	1,093	0	0	0	0	0	0	1,093	0	0	0
St Josephs Hosp & Med Ctr	2,287	0	0	0	0	0	0	2,287	0	0	0
Suicide Prevention Center	425	0	0	0	0	0	0	425	0	0	0
Sun Health Rsch Inst	593	0	0	0	0	0	0	593	0	0	0
Colorado, total	47,457	42	0	1,375	2,468	468	5,784	34,504	2,024	571	221
AMC Cancer Rsch Ctr	1,375	0	0	1,375	0	0	0	0	0	0	0
Am Cancer Rsch Ctr & Hosp	5,352	0	0	0	0	0	0	5,352	0	0	0
Am Indian Sci & Eng Soc	480	0	0	0	0	0	350	0	130	0	0
Am Solar Energy Society	130	0	0	0	0	130	0	0	0	0	0
Am Wtr Wrks Assn Rsch Fdn	1,040	0	0	0	0	0	1,040	0	0	0	0
Arapahoe House, Inc	878	0	0	0	0	0	0	878	0	0	0
Asian Pacific Dev Ctr CO	546	0	0	0	0	0	0	546	0	0	0
Aspen Center for Physics	289	0	0	0	0	9	0	0	23	257	0
Atmosphere Sys & Analysis	75	0	0	0	0	0	0	0	75	0	0
Child Hosp (Denver CO)	150	0	0	0	150	0	0	0	0	0	0
Clean Airport Partnership	50	0	0	0	0	0	50	0	0	0	0
Craig Hospital	1,123	0	0	0	843	0	0	280	0	0	0
Crow Valley Livestock	42	42	0	0	0	0	0	0	0	0	0
Ctr Hlth Policy Rsch	63	0	0	0	0	0	0	63	0	0	0
E Roosevelt Inst Cancer	2,282	0	0	0	0	40	0	2,242	0	0	0
Geological Soc of America	265	0	0	0	0	0	0	0	0	223	42
Kystn Symp Molec Cell Bio	28	0	0	0	0	0	0	0	10	18	0
Latin American Research a	124	0	0	0	0	0	0	124	0	0	0
Mid Continent Reg Ed Lab	1,475	0	0	0	1,475	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Mountain, continued:											
Colorado, continued:											
Natl Conf St Legis Leader	1,138	0	0	0	0	220	664	0	75	0	179
Natl Env Hlth Associate	402	0	0	0	0	0	267	135	0	0	0
Natl Jewish Med Rsch Ctr	27,762	0	0	0	0	0	3,413	24,349	0	0	0
Peer Assistance Services	96	0	0	0	0	0	0	96	0	0	0
Rocky Mountain Bio Lab	73	0	0	0	0	0	0	0	0	73	0
Solar Energy Intl	25	0	0	0	0	0	0	0	25	0	0
Space Science Institute	1,040	0	0	0	0	0	0	0	1,040	0	0
St Marys Hosp (Gd Jct CO)	258	0	0	0	0	69	0	189	0	0	0
US Space Foundation	510	0	0	0	0	0	0	0	510	0	0
White Bison, Inc	250	0	0	0	0	0	0	250	0	0	0
Windstar Foundation	136	0	0	0	0	0	0	0	136	0	0
Idaho, total	204	0	0	0	0	0	0	204	0	0	0
Consumer Advocacy Comm	60	0	0	0	0	0	0	60	0	0	0
Mountain States Group	144	0	0	0	0	0	0	144	0	0	0
Montana, total	4,594	1,300	0	0	0	583	868	1,067	240	86	450
Bitterroot Basic Resea	69	0	0	0	0	0	0	0	69	0	0
Deaconess Billings Clinic	740	0	0	0	0	0	0	740	0	0	0
In-Care Network, Inc	327	0	0	0	0	0	0	327	0	0	0
McLaughlin Research Inst	86	0	0	0	0	0	0	0	0	86	0
Montana Job Training Part	450	0	0	0	0	0	0	0	0	0	450
Natl Ctr Appropriate Tech	1,883	1,300	0	0	0	583	0	0	0	0	0
Yellowstone Ecosys Stud	1,039	0	0	0	0	0	868	0	171	0	0
Nevada, total	1,152	0	0	0	0	97	0	0	0	0	1,055
Natl Cncl Juv Fam Crt Jdg	1,055	0	0	0	0	0	0	0	0	0	1,055
Opportunity Village	97	0	0	0	0	97	0	0	0	0	0
New Mexico, total	24,773	60	0	450	0	15,229	4,357	3,366	306	1,005	0
Am Indian Opportunity	525	0	0	0	0	0	525	0	0	0	0
First Choice Cmty Hlth Ca	300	0	0	0	0	0	0	300	0	0	0
First Nat Comm Hlth Svc	290	0	0	0	0	0	0	290	0	0	0
Lovelace Fdn for Med Ed	1,051	0	0	0	0	0	1,051	0	0	0	0
Lovelace Resp Rsch Ins	9,688	0	0	370	0	5,072	2,133	2,113	0	0	0
Natl Ctr Genome Resources	131	60	0	0	0	71	0	0	0	0	0
Natl Fdn Brain Fnctnl Img	9,617	0	0	0	0	9,617	0	0	0	0	0
Natl Indian Cncl Aging	130	0	0	0	0	0	0	130	0	0	0
Natl Indian Youth Leader	437	0	0	0	0	0	0	437	0	0	0
Natl Tribal Env Council	608	0	0	0	0	0	608	0	0	0	0
New Mexico Mesa Inc	90	0	0	0	0	0	0	0	90	0	0
New Mexico Resonance	291	0	0	0	0	115	0	0	176	0	0
North Central Comm Based	96	0	0	0	0	0	0	96	0	0	0
RCI, LTD	3	0	0	0	0	3	0	0	0	0	0
Santa Fe Institute	1,325	0	0	80	0	200	0	0	40	1,005	0

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Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Mountain, continued:											
New Mexico, continued:											
Self Reliance Foundation	191	0	0	0	0	151	40	0	0	0	0
Utah, total	1,301	0	0	0	0	86	70	1,145	0	0	0
Asian Assn of Utah	546	0	0	0	0	0	0	546	0	0	0
Assoc Western U Inc	86	0	0	0	0	86	0	0	0	0	0
Center for Resource Mgt	70	0	0	0	0	0	70	0	0	0	0
Latter Day Saints Hosp	489	0	0	0	0	0	0	489	0	0	0
Utah Legal Services	110	0	0	0	0	0	0	110	0	0	0
Wyoming, total	5,867	0	0	0	0	3,218	0	0	0	0	2,649
Western Research Inst	5,867	0	0	0	0	3,218	0	0	0	0	2,649
Pacific, total	524,962	7,547	872	36,682	14,551	5,775	4,304	387,961	44,354	14,366	8,550
Alaska, total	3,569	0	0	0	0	0	0	367	0	1,076	2,126
Alaska Bird Observatory	11	0	0	0	0	0	0	0	0	0	11
Alaska Clean Seas	25	0	0	0	0	0	0	0	0	0	25
Alaska Federation Natives	1,000	0	0	0	0	0	0	0	0	0	1,000
Arctic Rsch Cnsrtm of US	809	0	0	0	0	0	0	0	0	809	0
Barrow Arctic Sci Cnsrtm	267	0	0	0	0	0	0	0	0	267	0
Chugachmiut	75	0	0	0	0	0	0	75	0	0	0
Fairbanks Native Assn	292	0	0	0	0	0	0	292	0	0	0
Kawerak, Inc	1,090	0	0	0	0	0	0	0	0	0	1,090
California, total	318,404	1,604	0	36,310	10,892	4,900	4,089	205,802	36,943	11,460	6,404
AIDS Healthcare Fdn	2,000	0	0	0	0	0	0	2,000	0	0	0
Addiction Research Fdn	914	0	0	0	0	0	0	914	0	0	0
Adopt-A-Watershed	75	0	0	0	0	0	75	0	0	0	0
Agouron Institute	71	0	0	71	0	0	0	0	0	0	0
American Society Aging	368	0	0	0	0	0	0	368	0	0	0
American Tech Initiative	22,182	0	0	0	0	0	0	0	22,182	0	0
Assc Natl Person Mayor	149	0	0	0	0	0	0	149	0	0	0
Assoc Asian Pac Cmty Hlth	56	0	0	0	0	0	56	0	0	0	0
Astronomical Soc Pacific	18	0	0	0	0	0	0	0	0	18	0
Bay Area Env Rsch Inst	756	0	0	0	0	0	0	0	756	0	0
Beckman Research Inst	11,033	200	0	0	0	0	0	10,336	0	497	0
Biodiversity Rsch & App	35	0	0	35	0	0	0	0	0	0	0
Burnham Institute, The	25,220	0	0	1,625	0	0	0	23,595	0	0	0
CA Academy of Sciences	1,767	0	0	0	0	0	0	0	0	1,767	0
CA Advocates Nrsg Hm Ref	75	0	0	0	0	0	0	75	0	0	0
CA Chld Care Res Rfr Ntwk	200	0	0	0	0	0	0	200	0	0	0
CA Indian Manpower Consor	630	0	0	0	0	0	0	0	0	0	630
CA Network of Mntl Hlth	60	0	0	0	0	0	0	60	0	0	0
CA Public Hlth Foundation	1,111	0	0	371	740	0	0	0	0	0	0
CA Strawberry Commission	100	100	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Pacific, continued:											
California, continued:											
California HICAP Associat	235	0	0	0	0	0	0	235	0	0	0
California Resources Agcy	155	0	0	0	0	0	0	0	155	0	0
Calstart, Inc	2,053	0	0	0	0	125	0	0	0	0	1,928
Cedars Sinai Med Ctr	12,958	0	0	0	0	0	0	12,909	49	0	0
Child Hosp & Health Ctr	981	0	0	0	0	0	0	981	0	0	0
Child Hosp Los Angeles	11,865	0	0	564	0	0	0	11,301	0	0	0
Child Hosp Orange Co	787	0	0	0	0	0	0	787	0	0	0
Child Hosp&Med Ctr N CA	3,605	0	0	0	0	0	0	3,605	0	0	0
Children's Institute Intl	926	0	0	0	0	0	0	926	0	0	0
Community Health Councils	300	0	0	0	0	0	0	300	0	0	0
Ctr Adv Study Behav Sci	93	0	0	0	0	0	0	0	0	93	0
Doheny Eye Institute	1,404	0	0	0	0	0	0	1,404	0	0	0
E Sierra Inst Clbrtv Ed	109	109	0	0	0	0	0	0	0	0	0
ETR Associates, Inc	921	0	0	0	0	0	0	921	0	0	0
Earth Images Foundation	25	0	0	0	0	0	0	0	0	25	0
Earthquake Eng Rsch Inst	113	0	0	0	0	0	0	0	0	113	0
East Bay Comm Recoverey	347	0	0	0	0	0	0	347	0	0	0
East Bay Perinatal Cncl	500	0	0	0	0	0	0	500	0	0	0
Eeg Systems Lab	122	0	0	0	0	0	0	0	122	0	0
Electric Power Research	3,645	0	0	0	0	3,605	0	0	0	0	40
Escondido Youth Encounter	150	0	0	0	0	0	0	150	0	0	0
Exploratorium	68	0	0	0	0	0	0	0	0	68	0
Far W Labs Ed Rsch & Dev	1,475	0	0	0	1,475	0	0	0	0	0	0
Fdn for Ed Achievement	150	0	0	0	150	0	0	0	0	0	0
Fdn for Transplant Rsch	999	0	0	0	0	0	0	0	999	0	0
Galileo Foundation	90	0	0	0	0	0	0	0	90	0	0
Harbor-UCLA Rsch&Ed Inst	299	0	0	0	0	0	0	299	0	0	0
Health Research Associati	742	0	0	0	0	0	0	742	0	0	0
Helio Research	95	0	0	0	0	0	0	0	95	0	0
Henry Ohlhoff House	431	0	0	0	0	0	0	431	0	0	0
Hereditary Dis Fdn	559	0	0	0	0	0	0	559	0	0	0
High Desrt Prtnrshp Acad	1,500	0	0	0	0	0	0	0	1,500	0	0
Hospital Good Samaritan	369	0	0	0	0	0	0	369	0	0	0
House Ear Institute	3,249	0	0	615	0	0	0	2,624	0	10	0
Hubbs Sea World Rsch Inst	268	0	0	0	0	0	0	0	0	268	0
Huntington Med Rsch Insts	2,196	0	0	0	0	0	0	2,196	0	0	0
Hydrolic Research Ctr	55	0	0	0	0	0	0	0	55	0	0
Inspire, Inc	15	0	0	0	0	0	0	0	15	0	0
Inst Rsch & Tech Asstnc	20	0	0	0	0	0	20	0	0	0	0
Inst Study Learning Exper	150	0	0	120	0	0	0	0	30	0	0
Inst for Bird Populations	114	0	0	0	0	0	0	0	0	0	114
Inst for Rsch on Learning	11	0	0	0	0	0	0	0	0	11	0
Institute for Research on	120	0	0	0	0	0	0	0	120	0	0
Intl Computer Sci Inst	1,006	0	0	262	0	0	0	0	0	744	0
J Wayne Inst Cancer Trtmt	126	0	0	126	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Pacific, continued:											
California, continued:											
Jay David Gladstone Fdn	13,235	0	0	0	0	0	0	13,235	0	0	0
Kaiser Fdn Rsch Inst	13,557	0	0	0	0	0	0	13,557	0	0	0
Kestrel Institute	9	0	0	0	0	0	0	0	9	0	0
L A City Mus Natr Hist	488	0	0	0	0	0	0	0	0	488	0
L S Packard Child Hosp	300	0	0	0	300	0	0	0	0	0	0
LA Gay&Lesbian Cmty Svc	150	0	0	0	0	0	0	150	0	0	0
La Cooperativa Campesina	50	0	0	0	0	0	0	0	0	0	50
La Familia Counseling Cen	262	0	0	0	0	0	0	262	0	0	0
Legal Svcs of Northern CA	100	0	0	0	0	0	0	100	0	0	0
Local Gvmmnt Cmsn of CA	177	0	0	0	0	0	177	0	0	0	0
Long Beach Research Fdn	152	0	0	0	0	0	0	152	0	0	0
Los Amigos Rsch & Ed	2,223	0	0	0	2,223	0	0	0	0	0	0
March of Dimes	861	0	0	11	0	0	0	850	0	0	0
Marine Science Institute	43	0	0	0	0	0	0	0	43	0	0
Math Sciences Rsch Inst	1,671	0	0	355	0	260	0	0	0	1,056	0
Molecular Research Inst	1,418	0	0	372	0	0	0	872	49	125	0
Monterey Bay Aquarm Rsch	443	0	0	0	0	0	0	0	443	0	0
National Water Rsch Inst	25	0	0	0	0	0	25	0	0	0	0
Natl Assoc Hispanic Eldly	2,859	0	0	0	0	0	2,859	0	0	0	0
Natl Cncl Crime & Delnqcy	1,232	0	0	0	0	0	0	0	0	0	1,232
Northern CA Inst Rsch&Ed	530	0	0	0	0	0	0	0	530	0	0
Orangewood Childrens Foun	447	0	0	0	0	0	0	447	0	0	0
Organic Farming Rsch Fdn	50	0	0	0	0	0	50	0	0	0	0
Pac Inst Stud Dev Env Sec	335	0	0	0	0	0	335	0	0	0	0
Pacific Medical Center	257	0	0	0	0	0	0	257	0	0	0
Palo Alto Inst Molec Med	24	0	0	0	0	0	0	0	24	0	0
Palo Alto Med Rsch Fdn	1,806	0	0	0	0	0	0	1,806	0	0	0
Partnershp Env Tech Ed	358	0	0	0	0	175	183	0	0	0	0
Pat Projects	77	0	0	0	0	0	0	0	77	0	0
Prnts Help Prnts San Fran	60	0	0	0	0	0	0	60	0	0	0
Project Heavy West	96	0	0	0	0	0	0	96	0	0	0
Project Info	96	0	0	0	0	0	0	96	0	0	0
Prototypes	921	0	0	0	0	0	0	921	0	0	0
Public Health Fdn Entrprs	917	0	0	0	0	0	0	917	0	0	0
Public Health Institute	9,408	0	0	0	0	0	0	9,408	0	0	0
RAND Corporation	29,511	0	0	0	1,238	0	300	25,577	247	194	1,955
Richmond Area Multi-Servi	150	0	0	0	0	0	0	150	0	0	0
S Juan Capstrno Rsch Inst	803	0	0	0	0	0	0	0	803	0	0
SRI International	49,211	0	0	29,127	503	443	0	11,745	2,139	4,804	450
Sacramento Medical Founda	54	0	0	0	0	0	0	54	0	0	0
Salk Inst for Biol Study	43,113	710	0	2,445	0	217	0	38,225	337	1,179	0
Santa Clara Valley Med	718	0	0	0	718	0	0	0	0	0	0
Scientific Analysis Corp	1,471	0	0	0	0	0	0	1,471	0	0	0
Seti Institute	5,630	0	0	0	0	0	0	0	5,630	0	0
Shields for Families Proj	400	0	0	0	0	0	0	400	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

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Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Pacific, continued:											
California, continued:											
Smith Kittwell Eye Rsch	5,935	0	0	211	1,075	0	0	4,561	88	0	0
So CA Alcohol and Drug	400	0	0	0	0	0	0	400	0	0	0
Soc Hispanic Prof Eng CA	31	0	0	0	0	0	0	0	31	0	0
Soundvision Productions	75	0	0	0	0	75	0	0	0	0	0
Space Physics Rsch Inst	325	0	0	0	0	0	0	0	325	0	0
Sphere Institute	543	348	0	0	0	0	0	195	0	0	0
Through the Looking Glass	650	0	0	0	650	0	0	0	0	0	0
Transnatl Family Rscn CA	241	0	0	0	0	0	0	241	0	0	0
Urban Indian Hlth Board	314	0	0	0	0	0	0	314	0	0	0
Washington Research Inst	480	0	0	0	480	0	0	0	0	0	0
Water Education Fdn	14	0	0	0	0	0	9	0	0	0	5
Watershed Rsch&Trng Ctr	137	137	0	0	0	0	0	0	0	0	0
World Inst Disabil Rsch	1,340	0	0	0	1,340	0	0	0	0	0	0
Hawaii, total	12,765	5,938	550	0	1,475	163	0	2,484	2,000	150	5
Bernice P Bishop Museum	2,000	0	0	0	0	0	0	0	2,000	0	0
Ctr Cultrl Tech Interchng	150	0	0	0	0	0	0	0	0	150	0
East West Center	163	0	0	0	0	163	0	0	0	0	0
Hawaii Sugar Planters	855	855	0	0	0	0	0	0	0	0	0
Kapi'olani Medical Center	550	0	550	0	0	0	0	0	0	0	0
Koolauloa Youth Organizat	64	0	0	0	0	0	0	64	0	0	0
Kuakini Med Rsch Inst	1,739	0	0	0	0	0	0	1,739	0	0	0
Oceanic Institute	5,088	5,083	0	0	0	0	0	0	0	0	5
Pacific Region Ed Lab	1,475	0	0	0	1,475	0	0	0	0	0	0
Queens Medical Center	338	0	0	0	0	0	0	338	0	0	0
St Francis Medical Ctr	343	0	0	0	0	0	0	343	0	0	0
Oregon, total	25,258	0	0	0	2,184	0	115	22,784	175	0	0
1000 Friends of Oregon	60	0	0	0	0	0	60	0	0	0	0
Central City Concern	178	0	0	0	0	0	0	178	0	0	0
Easter Seal Soc of Oregon	63	0	0	0	0	0	0	63	0	0	0
Eugene Research Inst	485	0	0	0	485	0	0	0	0	0	0
Good Sam Hosp & Med	725	0	0	0	0	0	0	550	175	0	0
Insights Teen Parents Prg	577	0	0	0	0	0	0	577	0	0	0
N W Reg Education Lab	1,350	0	0	0	1,350	0	0	0	0	0	0
Oregon Research Inst	11,699	0	0	0	349	0	0	11,350	0	0	0
Oregon Socl Learning Ctr	7,742	0	0	0	0	0	0	7,742	0	0	0
Pacific Rivers Cncl, Inc	55	0	0	0	0	0	55	0	0	0	0
Providence Med Ctr Prtlnd	1,805	0	0	0	0	0	0	1,805	0	0	0
Self Enhancement, Inc	519	0	0	0	0	0	0	519	0	0	0
Washington, total	164,966	5	322	372	0	712	100	156,524	5,236	1,680	15
Astrophysical Rsch Cnsrtm	6,120	0	0	0	0	0	0	0	4,998	1,122	0
Battelle Ctrs Pub Hlth	724	0	0	0	0	0	0	724	0	0	0
Child Hosp Med Ctr Seat	4,310	0	0	0	0	0	0	4,289	21	0	0
Ctr Health Studies	314	0	0	0	0	0	0	314	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1999

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Pacific, continued:											
Washington, continued:											
Ctrl Washington Comp Ment	90	0	0	0	0	0	0	90	0	0	0
Earth and Space Research	772	0	0	352	0	0	0	0	217	203	0
F Hutchnsn Cancer Rsch	135,043	0	0	0	0	712	0	133,976	0	355	0
Fdrtn Fam Child Mntl Hlth	2,061	0	0	0	0	0	0	2,061	0	0	0
Grp Hlth Coop Puget Sound	143	0	0	0	0	0	0	143	0	0	0
Infcts Disease Rsch Inst	762	0	0	0	0	0	0	762	0	0	0
Intl Assoc Wildland Fire	5	5	0	0	0	0	0	0	0	0	0
Intl Soc Optical Eng	35	0	0	20	0	0	0	0	0	0	15
N Pacific Marine Sci Fdn	322	0	322	0	0	0	0	0	0	0	0
Natl Asian Pac Ctr Aging	260	0	0	0	0	0	0	260	0	0	0
Northwest Justice Project	98	0	0	0	0	0	0	98	0	0	0
Pacific NW Research Fdn	3,375	0	0	0	0	0	0	3,375	0	0	0
Pacific Watershed Inst	100	0	0	0	0	0	100	0	0	0	0
Puget Sound Blood Center	816	0	0	0	0	0	0	816	0	0	0
Seattle Biomed Rsch Inst	3,789	0	0	0	0	0	0	3,789	0	0	0
Swedish Hospital Med Ctr	915	0	0	0	0	0	0	915	0	0	0
VA Msn Fdn Med Ed & Rsch	4,912	0	0	0	0	0	0	4,912	0	0	0
Outlying Areas, total	12	12	0	0	0	0	0	0	0	0	0
Puerto Rico, total	12	12	0	0	0	0	0	0	0	0	0
Puerto Rico Consrvtn Fdn	12	12	0	0	0	0	0	0	0	0	0

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[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	1,614,827	9,481	10,985	495,505	22,776	54,658	22,490	817,584	1,290	75,193	80,765	24,100
1 Mitre Corporation	219,039	0	0	219,039	0	0	0	0	0	0	0	0
2 F Hutchnsn Cancer Rsch	135,043	0	0	0	0	712	0	133,976	0	0	355	0
3 H M Jackson Foundation	65,069	0	0	51,624	0	446	0	12,763	0	60	176	0
4 Mem Sloan-Kettering Canc	63,812	0	0	943	0	916	0	61,618	0	0	335	0
5 Whitehead Inst Biomed	58,878	0	0	347	0	0	0	57,791	0	90	650	0
6 Battelle Memorial Inst	55,150	0	0	23,733	0	0	6,573	17,119	0	6,906	0	819
7 Research Triangle Inst	54,645	0	0	1,964	0	1,700	3,265	41,034	69	4,216	0	2,397
8 SRI International	49,211	0	0	29,127	503	443	0	11,745	0	2,139	4,804	450
9 Salk Inst for Biol Study	43,113	710	0	2,445	0	217	0	38,225	0	337	1,179	0
10 Draper Laboratories	37,093	0	0	33,211	0	0	0	0	0	3,882	0	0
Total 1st 10 institutions	781,053	710	0	362,433	503	4,434	9,838	374,271	69	17,630	7,499	3,666
11 Joint Ocean Insts, Inc	36,177	0	0	45	0	0	0	0	0	0	36,132	0
12 Southwest Research Inst	33,704	0	0	9,908	0	430	0	0	0	21,208	563	1,595
13 Analytic Services, Inc	33,009	0	0	33,009	0	0	0	0	0	0	0	0
14 RAND Corporation	29,511	0	0	0	1,238	0	300	25,577	0	247	194	1,955
15 Jackson Laboratory	27,907	0	0	0	0	402	0	27,163	0	0	342	0
16 Burnham Institute, The	25,220	0	0	1,625	0	0	0	23,595	0	0	0	0
17 Cold Spring Harbor Lab	24,839	210	0	1,444	0	320	0	20,066	0	0	2,799	0
18 Family Health Intl	19,396	0	0	0	0	0	0	19,396	0	0	0	0
19 Inst for Genomic Research	18,845	0	0	0	0	9,330	0	0	0	0	9,515	0
20 Ctr Blood Research	17,543	0	0	0	0	0	0	17,543	0	0	0	0
Total 1st 20 institutions	1,047,204	920	0	408,464	1,741	14,916	10,138	507,611	69	39,085	57,044	7,216
21 Wistar Institute	15,745	0	0	338	0	0	0	14,193	0	949	265	0
22 Urban Institute	15,711	50	0	0	0	0	0	5,371	0	0	0	10,290
23 Southern Research Inst	14,647	0	0	3,783	0	116	0	10,709	0	39	0	0
24 Kaiser Fdn Rsch Inst	13,557	0	0	0	0	0	0	13,557	0	0	0	0
25 Oklahoma Med Rsch Fdn	13,499	0	0	879	0	0	0	12,069	0	0	551	0
26 Environmental Rsch Inst	12,873	0	320	10,388	0	2,100	0	0	0	65	0	0
27 St Lukes-Rsvlt Inst Hlth	12,835	0	0	0	0	0	0	12,835	0	0	0	0
28 Natl Bureau Econ Rsch Inc	12,359	0	0	0	0	0	0	6,367	0	0	5,992	0
29 American Hlth Fdn, Inc	12,026	0	0	0	0	0	0	12,026	0	0	0	0
30 Oregon Research Inst	11,699	0	0	0	349	0	0	11,350	0	0	0	0
Total 1st 30 institutions	1,182,155	970	320	423,852	2,090	17,132	10,138	606,088	69	40,138	63,852	17,506
31 IIT Research Institute	11,475	0	0	8,037	0	0	0	2,911	0	527	0	0
32 Am Registry Pathology	11,354	0	0	11,320	0	0	0	0	0	0	34	0
33 Frontier Sci & Tech Rsch	11,278	0	0	0	0	0	0	11,278	0	0	0	0
34 Beckman Research Inst	11,033	200	0	0	0	0	0	10,336	0	0	497	0
35 Ohio Aerospace Institute	10,263	0	2,677	500	0	0	0	0	0	7,086	0	0
36 Marshfield Med Rsch Fdn	9,708	0	0	0	0	0	50	9,658	0	0	0	0
37 Lovelace Resp Rsch Ins	9,688	0	0	370	0	5,072	2,133	2,113	0	0	0	0
38 Corp Natl Rsch Initiative	9,655	0	0	9,605	0	0	0	0	0	0	50	0
39 Natl Fdn Brain Fnctnl Img	9,617	0	0	0	0	9,617	0	0	0	0	0	0
40 Schepens Eye Rsch Inst	9,501	0	0	0	0	350	0	9,061	0	90	0	0
Total 1st 40 institutions	1,285,727	1,170	2,997	453,684	2,090	32,171	12,321	651,445	69	47,841	64,433	17,506
41 Inst for Cancer Research	8,756	0	0	0	0	0	0	8,756	0	0	0	0
42 Forsyth Dental Center	8,739	0	0	0	0	0	0	8,739	0	0	0	0
43 Oregon Socl Learning Ctr	7,742	0	0	0	0	0	0	7,742	0	0	0	0
44 Mayo Foundation	7,271	286	0	6,540	345	0	0	0	0	0	100	0
45 EK Shriver Ctr Mental	7,212	0	0	0	0	0	0	7,212	0	0	0	0
46 Nature Conservancy	6,789	0	6,000	78	0	242	100	0	326	0	43	0
47 Public Health Res Inst	6,597	0	0	0	0	0	0	6,597	0	0	0	0
48 Natl Ctr Manufactrng Sci	6,488	0	0	5,938	0	0	550	0	0	0	0	0
49 Friends Med Sci Rsch Ctr	6,396	0	0	0	0	0	0	6,396	0	0	0	0
50 Midwest Research Inst	6,368	0	0	994	0	442	0	4,713	35	0	0	184
Total 1st 50 institutions	1,358,085	1,456	8,997	467,234	2,435	32,855	12,971	701,600	430	47,841	64,576	17,690

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 MCNC(Microelectrn Ctr NC)	6,346	0	0	5,162	0	0	1,108	0	0	0	76	0
52 Ctr Molecular Med & Immun	6,315	0	0	0	0	310	0	6,005	0	0	0	0
53 Astrophysical Rsch Cnsrtm	6,120	0	0	0	0	0	0	0	0	4,998	1,122	0
54 Boston Biomedical Rsch	5,958	0	0	0	0	0	0	5,958	0	0	0	0
55 Smith Kittwell Eye Rsch	5,935	0	0	211	1,075	0	0	4,561	0	88	0	0
56 Western Research Inst	5,867	0	0	0	0	3,218	0	0	0	0	0	2,649
57 Seti Institute	5,630	0	0	0	0	0	0	0	0	5,630	0	0
58 Natl Opinion Research Ctr	5,573	0	0	0	136	0	0	4,048	0	49	1,340	0
59 Marine Biological Lab	5,342	0	210	75	0	25	0	3,248	50	1,734	0	0
60 Medlantic Health Care Grp	5,147	0	0	0	1,117	0	0	4,030	0	0	0	0
Total 1st 60 institutions	1,416,318	1,456	9,207	472,682	4,763	36,408	14,079	729,450	480	60,340	67,114	20,339
61 Oceanic Institute	5,088	5,083	0	0	0	0	0	0	5	0	0	0
62 VA Msn Fdn Med Ed & Rsch	4,912	0	0	0	0	0	0	4,912	0	0	0	0
63 Minneapolis Med Rsch Fdn	4,712	0	0	0	0	0	0	4,712	0	0	0	0
64 Pacific Inst Rsch&Eval MD	4,637	0	0	0	0	0	0	4,637	0	0	0	0
65 MPC Corporation	4,583	0	0	1,620	0	0	0	2,963	0	0	0	0
66 Trudeau Institute Inc	4,258	0	0	0	0	0	0	4,258	0	0	0	0
67 Manpowr Demo Rsch Corp	3,918	178	0	0	0	0	0	1,460	0	0	0	2,280
68 U City Science Center	3,905	0	0	225	0	3,398	282	0	0	0	0	0
69 Seattle Biomed Rsch Inst	3,789	0	0	0	0	0	0	3,789	0	0	0	0
70 WV Research Corp	3,471	0	0	0	0	1,901	1,570	0	0	0	0	0
Total 1st 70 institutions	1,459,591	6,717	9,207	474,527	4,763	41,707	15,931	756,181	485	60,340	67,114	22,619
71 Lankenau Med Rsch Center	3,465	0	0	0	0	0	0	3,465	0	0	0	0
72 Coriell Inst for Med Rsch	3,461	0	0	0	0	0	0	3,461	0	0	0	0
73 Pacific NW Research Fdn	3,375	0	0	0	0	0	0	3,375	0	0	0	0
74 Edison Weld Inst	3,354	0	0	3,354	0	0	0	0	0	0	0	0
75 Child Hosp Natl Med Ctr	3,310	0	0	0	0	0	0	3,310	0	0	0	0
76 Human Resources Rsch Org	3,256	0	0	3,256	0	0	0	0	0	0	0	0
77 House Ear Institute	3,249	0	0	615	0	0	0	2,624	0	0	10	0
78 Hektoen Inst Med Rsch	3,237	0	0	0	0	0	0	3,237	0	0	0	0
79 Bigelow Lab Ocean Study	3,224	0	0	927	0	0	0	0	0	770	1,527	0
80 Education Development Ctr	3,213	0	0	0	796	0	0	2,417	0	0	0	0
Total 1st 80 institutions	1,492,735	6,717	9,207	482,679	5,559	41,707	15,931	778,070	485	61,110	68,651	22,619
81 Haskins Laboratories, Inc	3,177	0	0	0	0	0	0	3,177	0	0	0	0
82 Monell Chem Senses Ctr	3,133	0	0	0	0	0	0	3,043	0	0	90	0
83 Health Research, Inc	3,017	0	0	289	149	600	669	0	0	143	1,167	0
84 Inst for Technology Dev	2,928	257	0	0	0	0	0	0	0	2,671	0	0
85 Inst Global Environment	2,871	0	0	0	0	0	0	0	0	1,636	1,235	0
86 Krell Institute, Inc	2,580	0	0	0	0	2,580	0	0	0	0	0	0
87 Emergency Care Rsch Inst	2,568	0	0	0	0	0	0	2,568	0	0	0	0
88 Hauptman-Wdwrd Med Rsch	2,353	0	0	0	0	0	0	2,143	0	210	0	0
89 B Thompson Inst Plant	2,301	730	0	0	0	429	315	158	0	132	537	0
90 E Roosevelt Inst Cancer	2,282	0	0	0	0	40	0	2,242	0	0	0	0
Total 1st 90 institutions	1,519,945	7,704	9,207	482,968	5,708	45,356	16,915	791,401	485	65,902	71,680	22,619
91 Southwest Ed Dev Lab	2,225	0	0	0	2,225	0	0	0	0	0	0	0
92 Los Amigos Rsch & Ed	2,223	0	0	0	2,223	0	0	0	0	0	0	0
93 Texas Eng Expmt Station	2,207	0	0	0	0	1,858	201	148	0	0	0	0
94 Huntington Med Rsch Insts	2,196	0	0	0	0	0	0	2,196	0	0	0	0
95 Lowell Observatory	2,157	0	0	693	0	0	0	0	0	1,233	231	0
96 Tech Education Rsch Ctr	1,989	0	0	0	1,475	0	0	0	0	500	14	0
97 Palo Alto Med Rsch Fdn	1,806	0	0	0	0	0	0	1,806	0	0	0	0
98 Allegheny Singer Rsch	1,741	0	0	0	0	0	0	1,741	0	0	0	0
99 Kuakini Med Rsch Inst	1,739	0	0	0	0	0	0	1,739	0	0	0	0
100 Math Sciences Rsch Inst	1,671	0	0	355	0	260	0	0	0	0	1,056	0
Total 1st 100 institutions	1,539,899	7,704	9,207	484,016	11,631	47,474	17,116	799,031	485	67,635	72,981	22,619

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
101 Syracuse Research Corp	1,620	0	0	1,348	0	0	272	0	0	0	0	0
102 Institute Aerobics Rsch	1,571	0	0	0	0	0	0	1,571	0	0	0	0
103 Rehab Inst of Chicago	1,517	0	0	0	1,431	0	0	0	0	0	86	0
104 Natl Biomedical Rsch Fdn	1,509	0	0	0	0	0	0	1,226	0	0	283	0
105 Appalachia Ed Lab	1,490	0	0	0	1,475	0	0	0	0	0	15	0
106 Far W Labs Ed Rsch & Dev	1,475	0	0	0	1,475	0	0	0	0	0	0	0
107 Mid Continent Reg Ed Lab	1,475	0	0	0	1,475	0	0	0	0	0	0	0
108 Rsch for Better Schools	1,475	0	0	0	1,475	0	0	0	0	0	0	0
109 Scientific Analysis Corp	1,471	0	0	0	0	0	0	1,471	0	0	0	0
110 Woods Hole Research Ctr	1,431	0	0	0	0	0	60	0	0	1,196	175	0
Total 1st 110 institutions	1,554,933	7,704	9,207	485,364	18,962	47,474	17,448	803,299	485	68,831	73,540	22,619
111 Molecular Research Inst	1,418	0	0	372	0	0	0	872	0	49	125	0
112 Skidaway Inst Oceanog	1,390	0	0	1,029	0	361	0	0	0	0	0	0
113 AMC Cancer Rsch Ctr	1,375	0	0	1,375	0	0	0	0	0	0	0	0
114 Natl Dvlpmt & Rsch Inst	1,362	0	0	0	0	0	0	1,362	0	0	0	0
115 N W Reg Education Lab	1,350	0	0	0	1,350	0	0	0	0	0	0	0
116 Riverside Research Inst	1,346	0	0	100	0	0	0	1,246	0	0	0	0
117 Am Geological Institute	1,340	0	0	0	0	998	0	0	183	0	159	0
118 Santa Fe Institute	1,325	0	0	80	0	200	0	0	0	40	1,005	0
119 NJ Marine Science Cnsrtm	1,246	0	1,246	0	0	0	0	0	0	0	0	0
120 Inst Regulatory Science	1,195	0	0	0	0	1,195	0	0	0	0	0	0
Total 1st 120 institutions	1,568,280	7,704	10,453	488,320	20,312	50,228	17,448	806,779	668	68,920	74,829	22,619
121 Resources for the Future	1,190	0	0	0	0	160	568	0	0	100	362	0
122 Rsch Fdn Mental Hygiene	1,141	0	0	0	0	0	0	1,141	0	0	0	0
123 Natl Conf St Legis Leader	1,138	0	0	0	0	220	664	0	0	75	0	179
124 CA Public Hlth Foundation	1,111	0	0	371	740	0	0	0	0	0	0	0
125 Lovelace Fdn for Med Ed	1,051	0	0	0	0	0	1,051	0	0	0	0	0
126 Intl Computer Sci Inst	1,006	0	0	262	0	0	0	0	0	0	744	0
127 Air Conditioning & Refrig	1,000	0	0	0	0	1,000	0	0	0	0	0	0
128 Academy Natural Sciences	989	0	0	0	0	0	407	0	582	0	0	0
129 Cancer Institute of NJ	963	0	0	0	0	963	0	0	0	0	0	0
130 Public Health Fdn Entrprs	917	0	0	0	0	0	0	917	0	0	0	0
Total 1st 130 institutions	1,578,786	7,704	10,453	488,953	21,052	52,571	20,138	808,837	1,250	69,095	75,935	22,798
131 Addiction Research Fdn	914	0	0	0	0	0	0	914	0	0	0	0
132 Ctr Strategic Intl Study	833	0	0	833	0	0	0	0	0	0	0	0
133 Arctic Rsch Cnsrtm of US	809	0	0	0	0	0	0	0	0	0	809	0
134 S Juan Capstrno Rsch Inst	803	0	0	0	0	0	0	0	0	803	0	0
135 Gulf Coast Rsch Lab	786	786	0	0	0	0	0	0	0	0	0	0
136 Earth and Space Research	772	0	0	352	0	0	0	0	0	217	203	0
137 Houston Area Research Ctr	770	0	0	770	0	0	0	0	0	0	0	0
138 Infcts Disease Rsch Inst	762	0	0	0	0	0	0	762	0	0	0	0
139 Bay Area Env Rsch Inst	756	0	0	0	0	0	0	0	0	756	0	0
140 Southeastern U Rsch Assc	739	0	0	0	0	0	0	0	0	0	739	0
Total 1st 140 institutions	1,586,730	8,490	10,453	490,908	21,052	52,571	20,138	810,513	1,250	70,871	77,686	22,798
141 Center Marine Converv	727	0	0	0	0	0	727	0	0	0	0	0
142 Battelle Ctrs Pub Hlth	724	0	0	0	0	0	0	724	0	0	0	0
143 Carnegie Inst Pittsburgh	692	200	0	0	0	0	0	0	0	0	492	0
144 Fox Chase Cancer Center	687	0	0	587	0	0	0	0	0	100	0	0
145 Michigan Molecular Inst	664	0	0	664	0	0	0	0	0	0	0	0
146 Hampshire Rsch Inst	661	0	0	0	0	0	661	0	0	0	0	0
147 Brookings Institution	658	0	0	0	0	0	210	125	0	0	323	0
148 Masonic Medical Rsch Lab	646	0	0	0	0	0	0	646	0	0	0	0
149 Sun Health Rsch Inst	593	0	0	0	0	0	0	593	0	0	0	0
150 Treatment Research Inst	581	0	0	0	0	0	0	581	0	0	0	0
Total 1st 150 institutions	1,593,363	8,690	10,453	492,159	21,052	52,571	21,736	813,182	1,250	70,971	78,501	22,798

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
151 Agate Alliance Assn, Inc	575	0	0	0	0	0	0	0	0	575	0	0
152 N E Radio Observatory Ctr	560	0	0	0	0	0	0	0	0	0	560	0
153 Hereditary Dis Fdn	559	0	0	0	0	0	0	559	0	0	0	0
154 Sphere Institute	543	348	0	0	0	0	0	195	0	0	0	0
155 Einstn Inst Sci Hlth Crts	535	0	0	0	0	535	0	0	0	0	0	0
156 Northern CA Inst Rsch&Ed	530	0	0	0	0	0	0	0	0	530	0	0
157 Acad of Applied Science	515	0	0	515	0	0	0	0	0	0	0	0
158 Natl Aviation Rsch Inst	500	0	0	0	0	0	0	0	0	500	0	0
159 D Guthrie Fdn Med Rsch	490	0	0	0	0	0	0	490	0	0	0	0
160 Eugene Research Inst	485	0	0	0	485	0	0	0	0	0	0	0
Total 1st 160 institutions	1,598,655	9,038	10,453	492,674	21,537	53,106	21,736	814,426	1,250	72,576	79,061	22,798
161 Washington Research Inst	480	0	0	0	480	0	0	0	0	0	0	0
162 HJ Heinz Ctr Sci Econ Env	475	0	0	475	0	0	0	0	0	0	0	0
163 Mount Desert Isld Bio Lab	473	0	0	0	0	0	0	460	0	0	13	0
164 ITT Research Inst	453	0	0	0	0	453	0	0	0	0	0	0
165 Monterey Bay Aquarm Rsch	443	0	0	0	0	0	0	0	0	443	0	0
166 Internatl Life Sci Inst	420	0	0	0	0	0	420	0	0	0	0	0
167 Flight Safety Foundation	410	0	0	0	0	0	0	0	0	410	0	0
168 Southern State Energy	405	0	0	0	0	405	0	0	0	0	0	0
169 Hudson Institute	379	0	0	130	0	0	0	0	0	0	0	249
170 American Planning Assc	365	0	0	0	0	0	0	0	15	0	0	350
Total 1st 170 institutions	1,602,958	9,038	10,453	493,279	22,017	53,964	22,156	814,886	1,265	73,429	79,074	23,397
171 Kennedy Rsch Inst Inc	354	0	0	0	0	0	0	354	0	0	0	0
172 Inst for Law & Justice	350	0	0	0	0	0	0	0	0	0	0	350
173 Space Physics Rsch Inst	325	0	0	0	0	0	0	0	0	325	0	0
174 N Pacific Marine Sci Fdn	322	0	322	0	0	0	0	0	0	0	0	0
175 Ctr Health Studies	314	0	0	0	0	0	0	314	0	0	0	0
176 Franklin Inst	300	0	0	300	0	0	0	0	0	0	0	0
177 Harbor-UCLA Rsch&Ed Inst	299	0	0	0	0	0	0	299	0	0	0	0
178 ME Medical Assessment Fdn	297	0	0	0	0	0	0	297	0	0	0	0
179 Aspen Center for Physics	289	0	0	0	0	9	0	0	0	23	257	0
180 Fraunhfr Ctr Rsch Cmp Grp	286	0	0	286	0	0	0	0	0	0	0	0
Total 1st 180 institutions	1,606,094	9,038	10,775	493,865	22,017	53,973	22,156	816,150	1,265	73,777	79,331	23,747
181 Am Inst Biological Sci	278	0	0	278	0	0	0	0	0	0	0	0
182 Natural Res Def Cncl	275	0	0	0	0	275	0	0	0	0	0	0
183 Hubbs Sea World Rsch Inst	268	0	0	0	0	0	0	0	0	0	268	0
184 Henry Ford Health System	259	0	0	259	0	0	0	0	0	0	0	0
185 Am Inst Rsch Pittsburgh	255	0	0	0	0	0	0	81	0	174	0	0
186 Archbold Biological Stn	250	0	0	0	0	0	0	0	0	0	250	0
187 Transnatl Family Rsch CA	241	0	0	0	0	0	0	241	0	0	0	0
188 Mote Marine Laboratory	235	0	210	0	0	0	10	0	15	0	0	0
189 Erikson Institute	234	0	0	0	234	0	0	0	0	0	0	0
190 Soc Indstrl Appld Math	229	0	0	0	0	40	0	0	0	0	189	0
Total 1st 190 institutions	1,608,618	9,038	10,985	494,402	22,251	54,288	22,166	816,472	1,280	73,951	80,038	23,747
191 Humn Svc Rsch (Cmbrg MA)	225	0	0	0	225	0	0	0	0	0	0	0
192 Michigan Public Hlth Inst	211	0	0	0	0	0	0	211	0	0	0	0
193 Donald Danforth Plant Sci	207	0	0	0	0	207	0	0	0	0	0	0
194 Inst for Sci Rsch Inc	204	0	0	0	0	0	0	0	0	114	90	0
195 Retina Fdn of the SW	204	0	0	0	0	0	0	204	0	0	0	0
196 Potomac Inst Policy Stud	201	0	0	201	0	0	0	0	0	0	0	0
197 Calspan U Buffalo Rsch	200	0	0	200	0	0	0	0	0	0	0	0
198 Inst Expermntl Psychiatry	196	0	0	0	0	0	0	0	0	196	0	0
199 Soc Res in Child Dev	196	0	0	0	0	0	0	196	0	0	0	0
200 Autonms Undersea Sys Inst	178	0	0	178	0	0	0	0	0	0	0	0
Total 1st 200 institutions	1,610,640	9,038	10,985	494,981	22,476	54,495	22,166	817,083	1,280	74,261	80,128	23,747

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
201 United States Conf Mayors	178	0	0	0	0	0	0	0	0	0	0	178
202 Ctr Hlth Economic Rsch	176	0	0	0	0	0	0	176	0	0	0	0
203 Natl Public Svc Rsch Inst	175	0	0	0	175	0	0	0	0	0	0	0
204 East West Center	163	0	0	0	0	163	0	0	0	0	0	0
205 Am Inst Aeronautic Astro	154	0	0	0	0	0	0	0	0	154	0	0
206 Ctr Cultrl Tech Interchng	150	0	0	0	0	0	0	0	0	0	150	0
207 Industrial Tech Institute	150	0	0	150	0	0	0	0	0	0	0	0
208 Metropolitan Area Rsrch	150	0	0	0	0	0	0	0	0	0	0	150
209 Stehlin Fnd for Cncr Rsch	147	0	0	0	0	0	0	147	0	0	0	0
210 Space Studies Institute	146	0	0	0	0	0	0	0	0	146	0	0
Total 1st 210 institutions	1,612,229	9,038	10,985	495,131	22,651	54,658	22,166	817,406	1,280	74,561	80,278	24,075
211 Carib Marine Rsch Ctr	142	0	0	142	0	0	0	0	0	0	0	0
212 National Center for Food	139	139	0	0	0	0	0	0	0	0	0	0
213 J Wayne Inst Cancer Trtmt	126	0	0	126	0	0	0	0	0	0	0	0
214 Cerebral Palsy Rsch Fdn	125	0	0	0	125	0	0	0	0	0	0	0
215 Eeg Systems Lab	122	0	0	0	0	0	0	0	0	122	0	0
216 Earthquake Eng Rsch Inst	113	0	0	0	0	0	0	0	0	0	113	0
217 E Sierra Inst Clbrtv Ed	109	109	0	0	0	0	0	0	0	0	0	0
218 Pacific Watershed Inst	100	0	0	0	0	0	100	0	0	0	0	0
219 Growth Management Inst	99	0	0	0	0	0	99	0	0	0	0	0
220 Helio Research	95	0	0	0	0	0	0	0	0	95	0	0
Total 1st 220 institutions	1,613,399	9,286	10,985	495,399	22,776	54,658	22,365	817,406	1,280	74,778	80,391	24,075
221 Ctr Adv Study Behav Sci	93	0	0	0	0	0	0	0	0	0	93	0
222 Pat Projects	77	0	0	0	0	0	0	0	0	77	0	0
223 Atmosphere Sys & Analysis	75	0	0	0	0	0	0	0	0	75	0	0
224 Meyers Research Institute	75	0	0	0	0	0	0	75	0	0	0	0
225 Musculoskeletal Sci Rsch	75	0	0	0	0	0	0	0	0	0	75	0
226 Public Technology, Inc	75	0	0	0	0	0	75	0	0	0	0	0
227 Rocky Mountain Bio Lab	73	0	0	0	0	0	0	0	0	0	73	0
228 Agouron Institute	71	0	0	71	0	0	0	0	0	0	0	0
229 Pinchot Institute for Con	70	70	0	0	0	0	0	0	0	0	0	0
230 Bitterroot Basic Research	69	0	0	0	0	0	0	0	0	69	0	0
Total 1st 230 institutions	1,614,152	9,356	10,985	495,470	22,776	54,658	22,440	817,481	1,280	74,999	80,632	24,075
231 Ctr Hlth Policy Rsch	63	0	0	0	0	0	0	63	0	0	0	0
232 Fresh Pond Research Inst	60	0	0	0	0	0	0	0	0	60	0	0
233 Mass Mentl Hlth Rsch Corp	58	0	0	0	0	0	0	0	0	58	0	0
234 Intl Food Polcy Rsch Inst	55	55	0	0	0	0	0	0	0	0	0	0
235 Maria Mitchell Observ	50	0	0	0	0	0	0	0	0	0	50	0
236 Marine Science Institute	43	0	0	0	0	0	0	0	0	43	0	0
237 Mallory Pathology Assoc	40	0	0	0	0	0	0	0	0	0	40	0
238 Sugar Process Rsch Inst	40	40	0	0	0	0	0	0	0	0	0	0
239 Biodiversity Rsch & App	35	0	0	35	0	0	0	0	0	0	0	0
240 National Institute for An	27	27	0	0	0	0	0	0	0	0	0	0
Total 1st 240 institutions	1,614,623	9,478	10,985	495,505	22,776	54,658	22,440	817,544	1,280	75,160	80,722	24,075
241 Ctr Hlth Policy Studies	25	0	0	0	0	0	0	25	0	0	0	0
242 Inst Womens Policy Rsch	25	0	0	0	0	0	0	0	0	0	0	25
243 National Water Rsch Inst	25	0	0	0	0	0	25	0	0	0	0	0
244 Natl Inst Statistical Sci	25	0	0	0	0	0	25	0	0	0	0	0
245 Palo Alto Inst Molec Med	24	0	0	0	0	0	0	0	0	24	0	0
246 Soc Developmental Bio	20	0	0	0	0	0	0	0	0	0	20	0
247 Interstudy	15	0	0	0	0	0	0	15	0	0	0	0
248 Inst for Rsch on Learning	11	0	0	0	0	0	0	0	0	0	11	0
249 Gas Research Institute	10	0	0	0	0	0	0	0	10	0	0	0
250 Soc for Neuroscience	10	0	0	0	0	0	0	0	0	0	10	0
Total 1st 250 institutions	1,614,813	9,478	10,985	495,505	22,776	54,658	22,490	817,584	1,290	75,184	80,763	24,100

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
251 Kestrel Institute	9	0	0	0	0	0	0	0	0	9	0	0
252 New Engl Inst Landscape	3	3	0	0	0	0	0	0	0	0	0	0
253 Assc Symbolic Logic	2	0	0	0	0	0	0	0	0	0	2	0
Total 1st 253 institutions	1,614,827	9,481	10,985	495,505	22,776	54,658	22,490	817,584	1,290	75,193	80,765	24,100

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, State, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-29. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

Page 1 of 3

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	939,600	1,053	520	40,396	10,336	2,736	88	879,005	0	3,406	1,958	100
1 MA General Hospital	180,205	0	0	23,755	0	919	0	154,503	0	113	915	0
2 Brigham and Womens Hosp	144,734	0	0	550	0	0	0	141,891	0	1,818	475	0
3 Beth Israel Deac Med Ctr	72,465	0	0	699	0	1,564	0	69,962	0	240	0	0
4 Dana-Farber Cancer Inst	66,768	0	0	1,095	0	0	0	65,451	0	0	222	0
5 Child Hosp (Boston, MA)	47,012	0	0	622	1,501	0	0	44,706	0	103	80	0
6 Cleveland Clinic Fdn	42,358	0	0	7,089	0	0	0	35,040	0	229	0	0
7 Child Hosp Phila	37,726	0	0	0	0	0	0	37,726	0	0	0	0
8 St Jude Child Rsch Hosp	33,031	0	0	0	0	0	0	33,031	0	0	0	0
9 Rush Presbyterian St Luke	30,284	0	0	1,595	0	0	0	28,689	0	0	0	0
10 Child Hosp Med Ctr Cincin	28,008	350	0	823	149	184	0	26,502	0	0	0	0
Total 1st 10 institutions	682,591	350	0	36,228	1,650	2,667	0	637,501	0	2,503	1,692	0
11 New Eng Med Ctr & Hosp	24,860	0	0	0	0	0	0	24,860	0	0	0	0
12 Boston Medical Center	20,121	125	0	0	0	0	0	19,996	0	0	0	0
13 McLean Hospital	17,746	0	0	450	0	0	0	17,296	0	0	0	0
14 Montefiore Hosp & Med Ctr	15,128	400	0	0	0	0	0	14,728	0	0	0	0
15 Cedars Sinai Med Ctr	12,958	0	0	0	0	0	0	12,909	0	49	0	0
16 Child Hosp Los Angeles	11,865	0	0	564	0	0	0	11,301	0	0	0	0
17 Rhode Island Hospital	11,349	0	0	0	0	0	0	11,229	0	0	120	0
18 Miriam Hospital	10,980	0	0	0	0	0	0	10,464	0	516	0	0
19 Child Hosp Pittsburgh	10,368	0	520	2,037	0	0	0	7,811	0	0	0	0
20 J Hopkins Bayview Med Ctr	9,516	0	0	0	0	0	0	9,516	0	0	0	0
Total 1st 20 institutions	827,482	875	520	39,279	1,650	2,667	0	777,611	0	3,068	1,812	0
21 North Shore U Hospital	8,753	0	0	164	0	0	0	8,589	0	0	0	0
22 MA Eye & Ear Infirmary	8,055	0	0	0	0	0	0	8,055	0	0	0	0
23 Magee Womens Hosp	7,230	0	0	0	0	0	0	7,230	0	0	0	0
24 Long Island Jew Hillside	6,851	0	0	374	0	0	0	6,377	0	0	0	100
25 Am Cancer Rsch Ctr & Hosp	5,352	0	0	0	0	0	0	5,352	0	0	0	0
26 St Eliz Hosp Boston MA	4,402	0	0	0	0	0	0	4,402	0	0	0	0
27 Child Hosp Med Ctr Seat	4,310	0	0	0	0	0	0	4,289	0	21	0	0
28 Hosp for Special Surgery	4,285	0	0	0	0	0	0	4,285	0	0	0	0
29 Beth Israel Medical Ctr	4,244	0	0	0	0	0	0	4,244	0	0	0	0
30 Child Hosp Columbus	3,944	0	0	0	0	0	0	3,944	0	0	0	0
Total 1st 30 institutions	884,908	875	520	39,817	1,650	2,667	0	834,378	0	3,089	1,812	100
31 Child Hosp&Med Ctr N CA	3,605	0	0	0	0	0	0	3,605	0	0	0	0
32 Hebrew Rehab Center	3,195	0	0	0	0	0	0	3,195	0	0	0	0
33 Memorial Hosp Pawtucket	2,691	0	0	0	0	0	0	2,691	0	0	0	0
34 Mt Sinai Hosp Med Ctr FL	2,665	0	0	0	0	0	0	2,665	0	0	0	0
35 Inst Rehab & Rsch	2,576	0	0	0	2,576	0	0	0	0	0	0	0
36 St Josephs Hosp & Med Ctr	2,287	0	0	0	0	0	0	2,287	0	0	0	0
37 Women & Infants Hosp	1,873	0	0	0	0	0	0	1,873	0	0	0	0
38 Providence Med Ctr Prtlnd	1,805	0	0	0	0	0	0	1,805	0	0	0	0
39 Maine Medical Center	1,642	0	0	0	0	0	0	1,642	0	0	0	0
40 Butler Hospital	1,554	0	0	0	0	0	0	1,554	0	0	0	0
Total 1st 40 institutions	908,801	875	520	39,817	4,226	2,667	0	855,695	0	3,089	1,812	100
41 Hosp Joint Disease Ortho	1,498	0	0	0	0	0	0	1,409	0	0	89	0
42 William Beaumont Hospital	1,321	0	0	0	0	0	0	1,321	0	0	0	0
43 Moss Rehabilitation Hosp	1,314	0	0	0	345	0	0	969	0	0	0	0
44 Craig Hospital	1,123	0	0	0	843	0	0	280	0	0	0	0
45 Child Hosp & Health Ctr	981	0	0	0	0	0	0	981	0	0	0	0
46 Swedish Hospital Med Ctr	915	0	0	0	0	0	0	915	0	0	0	0
47 Kessler Inst for Rehab	866	0	0	0	866	0	0	0	0	0	0	0
48 Arkansas Children's Hosp	800	0	0	0	0	0	0	800	0	0	0	0
49 Roger Williams Gen Hosp	788	0	0	371	0	0	0	417	0	0	0	0
50 Child Hosp Orange Co	787	0	0	0	0	0	0	787	0	0	0	0
Total 1st 50 institutions	919,194	875	520	40,188	6,280	2,667	0	863,574	0	3,089	1,901	100

See explanatory information, if any, and SOURCE at end of table.

Table B-29. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other[1]
51 Rehabilitation Inst MI	771	0	0	0	771	0	0	0	0	0	0	0
52 St Lukes Roosevlt Hosp C	742	0	0	0	0	0	0	742	0	0	0	0
53 Hartford Hospital	737	0	0	0	0	0	0	737	0	0	0	0
54 Good Sam Hosp & Med	725	0	0	0	0	0	0	550	0	175	0	0
55 Santa Clara Valley Med	718	0	0	0	718	0	0	0	0	0	0	0
56 Good Samaritan Med Ctr	703	0	0	0	0	0	0	703	0	0	0	0
57 Mary Imogene Basset Hosp	675	0	0	0	0	0	0	675	0	0	0	0
58 Childrens Mercy Hosp	658	0	0	0	0	0	0	658	0	0	0	0
59 Shepard Spinal Center	644	0	0	0	644	0	0	0	0	0	0	0
60 St Francis Hosp & Med Ctr	633	0	0	0	0	0	0	633	0	0	0	0
Total 1st 60 institutions	926,200	875	520	40,188	8,413	2,667	0	868,272	0	3,264	1,901	100
61 Scott and White Mem Hosp	568	0	0	0	0	0	0	568	0	0	0	0
62 Medical Center Delaware	553	0	0	0	0	0	0	553	0	0	0	0
63 St Francis Hosp (Wcht KS)	510	0	0	0	0	0	0	510	0	0	0	0
64 Butterworth Hospital	506	0	0	0	0	0	0	506	0	0	0	0
65 Latter Day Saints Hosp	489	0	0	0	0	0	0	489	0	0	0	0
66 MI Mthdst Hosp Rehab Ctr	485	0	0	0	485	0	0	0	0	0	0	0
67 Hackensack Hospital	481	0	0	0	0	0	0	481	0	0	0	0
68 St Josephs Hosp (Atln GA)	481	0	0	0	0	0	0	481	0	0	0	0
69 Lankenau Hospital	480	0	0	0	0	0	0	480	0	0	0	0
70 Summa Health System	450	0	0	0	0	0	0	450	0	0	0	0
Total 1st 70 institutions	931,203	875	520	40,188	8,898	2,667	0	872,790	0	3,264	1,901	100
71 Kettering Medical Center	400	0	0	0	0	0	0	400	0	0	0	0
72 St Vincent Mercy Med Ctr	400	0	0	0	0	0	0	400	0	0	0	0
73 Geisinger Medical Center	378	178	0	0	0	0	0	200	0	0	0	0
74 Carolinas Medical Ctr	369	0	0	0	345	0	0	0	0	24	0	0
75 Hospital Good Samaritan	369	0	0	0	0	0	0	369	0	0	0	0
76 Mercy Hosp of Pittsburgh	357	0	0	0	0	0	0	357	0	0	0	0
77 Philadelphia Geriatrc Ctr	347	0	0	0	0	0	0	347	0	0	0	0
78 Spaulding Rehab Hosp Corp	345	0	0	0	345	0	0	0	0	0	0	0
79 St Francis Medical Ctr	343	0	0	0	0	0	0	343	0	0	0	0
80 Queens Medical Center	338	0	0	0	0	0	0	338	0	0	0	0
Total 1st 80 institutions	934,849	1,053	520	40,188	9,588	2,667	0	875,544	0	3,288	1,901	100
81 Rochester St Marys Hosp	315	0	0	0	0	0	0	315	0	0	0	0
82 Highland Hosp Rochester	310	0	0	0	0	0	0	310	0	0	0	0
83 L S Packard Child Hosp	300	0	0	0	300	0	0	0	0	0	0	0
84 Natl Assoc Childrens Hosp	300	0	0	0	0	0	0	300	0	0	0	0
85 Am Hospital Assciation	264	0	0	0	0	0	88	176	0	0	0	0
86 Methdst Med Ctr-Peoria IL	262	0	0	0	0	0	0	262	0	0	0	0
87 St Johns Mercy Med Ctr	260	0	0	0	0	0	0	260	0	0	0	0
88 St Marys Hosp (Gd Jct CO)	258	0	0	0	0	69	0	189	0	0	0	0
89 Pacific Medical Center	257	0	0	0	0	0	0	257	0	0	0	0
90 A I DuPont Inst Nemours	225	0	0	0	150	0	0	0	0	75	0	0
Total 1st 90 institutions	937,600	1,053	520	40,188	10,038	2,736	88	877,613	0	3,363	1,901	100
91 Methodist Hosp Indnpol IN	215	0	0	0	0	0	0	215	0	0	0	0
92 Evanston Hospital	208	0	0	208	0	0	0	0	0	0	0	0
93 Winthrop U Hospital	201	0	0	0	0	0	0	201	0	0	0	0
94 Ingalls Mem Hospital	181	0	0	0	0	0	0	181	0	0	0	0
95 Wills Eye Hospital	171	0	0	0	0	0	0	171	0	0	0	0
96 Child Hosp (Denver CO)	150	0	0	0	150	0	0	0	0	0	0	0
97 Children's Hospital Medic	150	0	0	0	150	0	0	0	0	0	0	0
98 Sinai Hospital Baltimore	140	0	0	0	0	0	0	140	0	0	0	0
99 Barnes-Jewish Hospital	126	0	0	0	0	0	0	126	0	0	0	0
100 Albert Einstein Med Ctr	111	0	0	0	0	0	0	111	0	0	0	0
Total 1st 100 institutions	939,253	1,053	520	40,396	10,338	2,736	88	878,758	0	3,363	1,901	100

See explanatory information, if any, and SOURCE at end of table.

Table B-29. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
101 Mt Sinai Hosp Cleveland	111	0	0	0	0	0	0	111	0	0	0	0
102 Intr-Indstry Ec Rsch Fund	99	0	0	0	0	0	0	99	0	0	0	0
103 Western PA Hospital	57	0	0	0	0	0	0	0	0	0	57	0
104 Sinai Samaritan Med Ctr	43	0	0	0	0	0	0	0	0	43	0	0
105 CT Children's Medical Ctr	37	0	0	0	0	0	0	37	0	0	0	0
Total 1st 105 institutions	939,600	1,053	520	40,396	10,338	2,736	88	879,005	0	3,406	1,958	100

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, State, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	820,240	4,258	12,338	146,665	21,841	31,999	73,096	196,213	6,882	215,592	59,773	51,583
1 Concurrent Tech Corp	108,720	0	0	103,339	0	4,256	1,125	0	0	0	0	0
2 Universities Space Rsch	81,590	0	0	2,049	0	0	0	0	0	79,288	253	0
3 Natl Academy of Sciences	65,839	0	90	16,301	50	4,401	2,582	9,763	2,205	17,082	6,578	6,787
4 Assc U Rsch in Astronomy	62,304	0	0	70	0	0	0	0	0	62,234	0	0
5 Natl Jewish Med Rsch Ctr	27,762	0	0	0	0	0	3,413	24,349	0	0	0	0
6 American Tech Initiative	22,182	0	0	0	0	0	0	0	0	22,182	0	0
7 World Resources Institute	16,154	0	0	0	0	0	16,049	0	0	105	0	0
8 Joslin Diabetes Fdn Inc	13,674	0	0	0	0	0	0	13,674	0	0	0	0
9 Jay David Gladstone Fdn	13,235	0	0	0	0	0	0	13,235	0	0	0	0
10 Inc Rsch Insts Seismology	12,365	0	0	0	0	0	0	0	0	0	12,365	0
Total 1st 10 institutions	423,825	0	90	121,759	50	8,657	23,169	61,021	2,205	180,891	19,196	6,787
11 Carnegie Inst Washington	11,510	105	0	98	0	1,646	0	2,476	0	1,892	5,293	0
12 Am Col of Radiology	11,231	0	0	0	0	0	0	11,231	0	0	0	0
13 Role Models America Inc	10,000	0	0	0	0	0	0	0	0	0	0	10,000
14 Public Health Institute	9,408	0	0	0	0	0	0	9,408	0	0	0	0
15 Assn Tch Preventive Med	9,404	0	0	0	0	0	0	9,404	0	0	0	0
16 Am Museum of Natl Hist	7,252	0	0	0	0	87	0	0	0	5,739	1,426	0
17 SC Research Authority	7,053	0	0	6,993	0	60	0	0	0	0	0	0
18 Educom, Inc	6,401	0	0	0	0	0	0	0	0	0	6,401	0
19 Population Council	6,358	0	0	0	0	0	0	6,301	0	0	57	0
20 Minority Hlth Prof Fdn	5,348	0	0	0	0	0	0	5,348	0	0	0	0
Total 1st 20 institutions	507,790	105	90	128,850	50	10,450	23,169	105,189	2,205	188,522	32,373	16,787
21 US Cvln R&D Fdn Indep Sts	5,138	0	0	0	0	0	0	0	0	0	5,138	0
22 Natl Assc Home Builders	5,111	0	248	0	0	0	358	0	0	0	0	4,505
23 Harbor Branch Ocean Inst	5,072	0	59	1,045	0	0	0	455	0	227	3,286	0
24 Melwood Hort Training Ctr	4,356	0	0	0	0	0	0	0	0	4,356	0	0
25 Assc American Railroads	4,176	0	0	0	0	0	0	0	0	0	0	4,176
26 WV High Tech Cnsrtm	4,153	0	0	3,603	0	0	0	0	0	550	0	0
27 South Carolina Universiti	4,105	0	0	0	0	4,105	0	0	0	0	0	0
28 Environmental Careers Org	4,012	0	351	0	0	0	0	0	3,661	0	0	0
29 Blood Ctr of Southeast WI	4,004	0	0	0	0	0	0	4,004	0	0	0	0
30 Am Soc Engineering Ed	3,740	0	0	3,595	0	0	45	0	0	50	50	0
Total 1st 30 institutions	551,657	105	748	137,093	50	14,555	23,572	109,648	5,866	193,705	40,847	25,468
31 Electric Power Research	3,645	0	0	0	0	3,605	0	0	0	0	0	40
32 Natl Marrow Donor Program	3,447	0	0	3,447	0	0	0	0	0	0	0	0
33 NC Rgn Educational Lab	3,255	0	0	0	3,255	0	0	0	0	0	0	0
34 Water Env Rsch Fdn	2,925	0	0	0	0	0	2,925	0	0	0	0	0
35 Qualty Ed for Minor Netwk	2,880	0	0	0	0	0	0	0	0	2,820	60	0
36 Natl Assoc Hispanic Eldly	2,859	0	0	0	0	0	2,859	0	0	0	0	0
37 United Cerebral Palsy	2,719	0	0	0	2,073	0	0	0	0	25	0	621
38 Am National Red Cross	2,634	0	0	1,973	0	0	0	661	0	0	0	0
39 Michigan Biotech Inst	2,500	0	0	0	0	0	2,500	0	0	0	0	0
40 John B Pierce Lab, Inc	2,432	0	0	0	0	0	0	2,432	0	0	0	0
Total 1st 40 institutions	580,953	105	748	142,513	5,378	18,160	31,856	112,741	5,866	196,550	40,907	26,129
41 Natl Sci Teachers Assc	2,429	0	0	0	0	0	0	0	0	2,429	0	0
42 American Iron Steel Inst	2,413	0	0	0	0	2,413	0	0	0	0	0	0
43 Emma Pendleton Bradley	2,325	0	0	0	0	0	0	2,325	0	0	0	0
44 Marine Science Cnsrtm	2,281	0	2,281	0	0	0	0	0	0	0	0	0
45 St Terr Air Pltn Prgm Adm	2,246	0	0	0	0	0	2,246	0	0	0	0	0
46 Global Env Tech Fdn	2,238	0	0	0	0	900	1,338	0	0	0	0	0
47 Assoc Cnty Cty Hlth Offcl	2,209	0	0	0	0	0	167	2,042	0	0	0	0
48 Intl City Mgt Assc	2,127	0	0	0	0	0	2,127	0	0	0	0	0
49 Am Type Culture Col	2,103	0	0	0	0	0	0	1,278	0	0	825	0
50 Field Museum Natural Hist	2,083	0	0	110	0	0	0	0	0	198	1,775	0
Total 1st 50 institutions	603,407	105	3,029	142,623	5,378	21,473	37,734	118,386	5,866	199,177	43,507	26,129

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other ¹
51 Harvard Pilgrim Hlth Care	2,063	0	0	0	0	0	0	2,063	0	0	0	0
52 Fdrtn Fam Child Mntl Hlth	2,061	0	0	0	0	0	0	2,061	0	0	0	0
53 Calstart, Inc	2,053	0	0	0	0	125	0	0	0	0	0	1,928
54 Natl Ctr Education & Econ	2,050	0	0	0	0	0	0	0	0	0	0	2,050
55 WGBH Educational Fdn	2,036	0	0	0	2,036	0	0	0	0	0	0	0
56 AIDS Healthcare Fdn	2,000	0	0	0	0	0	0	2,000	0	0	0	0
57 Bernice P Bishop Museum	2,000	0	0	0	0	0	0	0	0	2,000	0	0
58 Guadalupe Centers Inc	2,000	0	0	0	0	0	0	0	0	0	0	2,000
59 M Leind Natl Air Txc Rsch	1,950	0	0	0	0	0	1,950	0	0	0	0	0
60 Hispanic Assc Col & U	1,948	948	0	0	0	0	0	0	0	1,000	0	0
Total 1st 60 institutions	623,568	1,053	3,029	142,623	7,414	21,598	39,684	124,510	5,866	202,177	43,507	32,107
61 Ctr Tech Commercializatn	1,902	0	0	0	0	0	0	0	0	1,902	0	0
62 Natl Ctr Appropriate Tech	1,883	1,300	0	0	0	583	0	0	0	0	0	0
63 Assoc State & Terr Hlth	1,848	0	0	0	0	0	55	1,793	0	0	0	0
64 JASON Fdn for Education	1,841	0	1,660	31	0	0	0	0	0	150	0	0
65 CA Academy of Sciences	1,767	0	0	0	0	0	0	0	0	0	1,767	0
66 Natl Captioning Institute	1,699	0	0	0	1,699	0	0	0	0	0	0	0
67 NY Botan Gard Inst Ecosys	1,653	0	0	0	0	0	0	0	0	0	1,653	0
68 Am Soc Civil Engineers	1,608	0	0	0	0	0	1,583	0	0	0	25	0
69 Georgia Environmental Org	1,584	0	0	0	0	1,584	0	0	0	0	0	0
70 Friends Rsch Inst, Inc	1,578	0	0	0	0	0	0	1,578	0	0	0	0
Total 1st 70 institutions	640,931	2,353	4,689	142,654	9,113	23,765	41,322	127,881	5,866	204,229	46,952	32,107
71 High Desrt Prtnrshp Acad	1,500	0	0	0	0	0	0	0	0	1,500	0	0
72 Am Mathematical Society	1,478	0	0	0	0	0	0	0	0	0	1,478	0
73 Pacific Region Ed Lab	1,475	0	0	0	1,475	0	0	0	0	0	0	0
74 Acad Ed Development Inc	1,457	0	0	0	1,100	0	261	96	0	0	0	0
75 Merit Network, Inc	1,442	0	0	0	0	0	0	0	0	0	1,442	0
76 Am Assc Advancment Sci	1,417	0	0	0	0	50	740	0	0	203	424	0
77 Rule of Law Foundation	1,416	0	0	0	0	0	0	0	0	0	0	1,416
78 Doheny Eye Institute	1,404	0	0	0	0	0	0	1,404	0	0	0	0
79 Alliance to Save Energy	1,385	0	0	0	0	1,210	175	0	0	0	0	0
80 World Inst Disabil Rsch	1,340	0	0	0	1,340	0	0	0	0	0	0	0
Total 1st 80 institutions	655,245	2,353	4,689	142,654	13,028	25,025	42,498	129,381	5,866	205,932	50,296	33,523
81 Natl Caucus Ctr Black Age	1,327	0	0	0	0	0	1,177	150	0	0	0	0
82 NSF International	1,300	0	0	0	0	0	1,300	0	0	0	0	0
83 Natl Alliance of Bus DC	1,300	0	0	0	0	0	0	0	0	0	0	1,300
84 Natl Assc of Counties	1,296	0	0	0	0	175	899	0	0	0	0	222
85 Assoc Hlth Services Rsch	1,292	0	0	0	0	0	0	1,292	0	0	0	0
86 Natl Council on Aging	1,292	0	0	0	0	0	972	320	0	0	0	0
87 Natl Cncl Crime & Delnqcy	1,232	0	0	0	0	0	0	0	0	0	0	1,232
88 Am Acad of Pediatrics	1,222	0	0	0	0	0	12	1,210	0	0	0	0
89 Natl Sr Ctzns Ed & Rsch	1,222	0	0	0	0	0	1,222	0	0	0	0	0
90 Am Soc Microbiology	1,185	0	0	0	0	320	10	804	0	0	51	0
Total 1st 90 institutions	667,913	2,353	4,689	142,654	13,028	25,520	48,090	133,157	5,866	205,932	50,347	36,277
91 Environmental Law Inst	1,177	0	0	0	0	0	1,177	0	0	0	0	0
92 NY Botanical Garden NY	1,139	0	500	0	0	0	0	0	0	0	639	0
93 American Geophysicl Union	1,120	0	0	0	0	0	0	0	0	150	970	0
94 Pima Prevention Partnersh	1,093	0	0	0	0	0	0	1,093	0	0	0	0
95 Kawerak, Inc	1,090	0	0	0	0	0	0	0	90	0	0	1,000
96 Water Env Federation	1,090	0	0	0	0	0	1,090	0	0	0	0	0
97 Natl Cncl Juv Fam Crt Jdg	1,055	0	0	0	0	0	0	0	0	0	0	1,055
98 Am Assoc Poison Control C	1,050	0	0	0	0	0	0	1,050	0	0	0	0
99 Am Wtr Wrks Assn Rsch Fdn	1,040	0	0	0	0	0	1,040	0	0	0	0	0
100 Space Science Institute	1,040	0	0	0	0	0	0	0	0	1,040	0	0
Total 1st 100 institutions	678,807	2,353	5,189	142,654	13,028	25,520	51,397	135,300	5,956	207,122	51,956	38,332

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
101 Yellowstone Ecosys Stud	1,039	0	0	0	0	0	868	0	0	171	0	0
102 Natl Acad St Hlth Policy	1,033	0	0	0	0	0	0	1,033	0	0	0	0
103 Lexington Center, Inc	1,025	0	0	0	1,025	0	0	0	0	0	0	0
104 Advertising Council	1,002	0	0	0	0	0	1,002	0	0	0	0	0
105 Alaska Federation Natives	1,000	0	0	0	0	0	0	0	0	0	0	1,000
106 Fdn for Transplant Rsch	999	0	0	0	0	0	0	0	0	999	0	0
107 Ctr for Clean Air Policy	980	0	0	0	0	459	521	0	0	0	0	0
108 Universities Rsch Assc	938	0	0	0	0	0	0	0	0	0	938	0
109 Natl Safety Council	932	0	0	0	0	0	932	0	0	0	0	0
110 Children's Institute Intl	926	0	0	0	0	0	0	926	0	0	0	0
Total 1st 110 institutions	688,681	2,353	5,189	142,654	14,053	25,979	54,720	137,259	5,956	208,292	52,894	39,332
111 US Conf Mayors Rsch & Ed	923	0	0	0	0	0	473	0	0	0	0	450
112 ETR Associates, Inc	921	0	0	0	0	0	0	921	0	0	0	0
113 Prototypes	921	0	0	0	0	0	0	921	0	0	0	0
114 Arapahoe House, Inc	878	0	0	0	0	0	0	878	0	0	0	0
115 Focus Hope	873	0	0	873	0	0	0	0	0	0	0	0
116 March of Dimes	861	0	0	11	0	0	0	850	0	0	0	0
117 Hawaii Sugar Planters	855	855	0	0	0	0	0	0	0	0	0	0
118 Physicians Against Land M	850	0	0	0	850	0	0	0	0	0	0	0
119 Natl Fdn for IPM Ed	824	0	0	0	0	0	824	0	0	0	0	0
120 Puget Sound Blood Center	816	0	0	0	0	0	0	816	0	0	0	0
Total 1st 120 institutions	697,403	3,208	5,189	143,538	14,903	25,979	56,017	141,645	5,956	208,292	52,894	39,782
121 Natl Assc Agencies Aging	800	0	0	0	0	0	0	800	0	0	0	0
122 Am Dental Assc for Hlth	795	0	0	0	0	0	0	795	0	0	0	0
123 Mercy Foundation	793	0	0	0	0	0	0	793	0	0	0	0
124 Grt Lakes Hemophilia Fdn	772	0	0	0	0	0	0	772	0	0	0	0
125 Well-Being Institute, Inc	753	0	0	0	0	0	0	753	0	0	0	0
126 AZ-MX Border Health Fdn	746	0	0	0	0	0	0	746	0	0	0	0
127 Health Research Associati	742	0	0	0	0	0	0	742	0	0	0	0
128 National Governors Assc	741	0	0	0	0	0	473	0	0	0	0	268
129 Deaconess Billings Clinic	740	0	0	0	0	0	0	740	0	0	0	0
130 Natl Youth Employmnt Cltn	725	0	0	0	0	0	0	0	0	0	0	725
Total 1st 130 institutions	705,010	3,208	5,189	143,538	14,903	25,979	56,490	147,786	5,956	208,292	52,894	40,775
131 Societal Inst of Math Sci	716	0	0	0	0	0	0	716	0	0	0	0
132 Hemophilia Foundation MI	706	0	0	0	0	0	0	706	0	0	0	0
133 Justice Rsch & Stat Assoc	701	0	0	0	0	0	0	0	0	0	0	701
134 Cast, Inc	699	0	0	0	699	0	0	0	0	0	0	0
135 Natl Acad Public Admin	697	0	0	0	0	386	0	0	0	0	123	188
136 Family and Childrens' Svc	696	0	0	0	0	0	0	696	0	0	0	0
137 Sinai Family Health Ctrs	695	0	0	0	0	0	0	695	0	0	0	0
138 SE Ctr Elec Eng Ed	662	0	0	662	0	0	0	0	0	0	0	0
139 Natl Hemophilia Fdn	650	0	0	0	0	0	0	650	0	0	0	0
140 Through the Looking Glass	650	0	0	0	650	0	0	0	0	0	0	0
Total 1st 140 institutions	711,882	3,208	5,189	144,200	16,252	26,365	56,490	151,249	5,956	208,292	53,017	41,664
141 American Lung Assoc	644	0	0	0	0	0	644	0	0	0	0	0
142 Gordon Rsch Conferences	632	38	0	37	0	38	34	0	11	70	404	0
143 CA Indian Manpower Consor	630	0	0	0	0	0	0	0	0	0	0	630
144 Rio Grande Valley Cncl	630	0	0	0	0	0	0	630	0	0	0	0
145 Matrix Research Institute	625	0	0	0	625	0	0	0	0	0	0	0
146 Natl Inst of Bldg Science	622	0	0	263	0	0	0	0	0	0	0	359
147 J Kennedy Inst Hsng Corp	611	0	0	0	0	0	0	0	0	0	0	611
148 Natl Alliance Mentaly Ill	610	0	0	0	0	0	0	610	0	0	0	0
149 Natl Tribal Env Council	608	0	0	0	0	0	608	0	0	0	0	0
150 Transcen, Inc	608	0	0	0	608	0	0	0	0	0	0	0
Total 1st 150 institutions	718,102	3,246	5,189	144,500	17,485	26,403	57,776	152,489	5,967	208,362	53,421	43,264

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
151 Inst of Gas Technology	606	0	0	0	0	606	0	0	0	0	0	0
152 Aliviane, Inc	605	0	0	0	0	0	0	605	0	0	0	0
153 Cmty Trans Assc of Am	600	0	0	0	0	0	0	600	0	0	0	0
154 Philadelphia Entrprs Ctr	600	0	600	0	0	0	0	0	0	0	0	0
155 Women Work! Natl Ntwk	600	0	0	0	0	0	0	0	0	0	0	600
156 American Farmland Trust	584	0	0	0	0	0	584	0	0	0	0	0
157 MA Fdn Exclnc Marine Poly	580	0	0	0	0	0	580	0	0	0	0	0
158 NE Enrgy Effncy Parnershp	580	0	0	0	0	0	580	0	0	0	0	0
159 Insights Teen Parents Prg	577	0	0	0	0	0	0	577	0	0	0	0
160 Intl Assoc of Psychosocia	573	0	0	0	0	0	0	0	0	0	0	573
Total 1st 160 institutions	724,007	3,246	5,789	144,500	17,485	27,009	59,520	154,271	5,967	208,362	53,421	44,437
161 W MA Training Cnsrtm	566	0	0	0	0	0	0	566	0	0	0	0
162 Cnsrtm Energy Efficiency	565	0	0	0	0	215	350	0	0	0	0	0
163 Cmty Prevention Partner	559	0	0	0	0	0	0	559	0	0	0	0
164 Tri-County Human Svc, Inc	552	0	0	0	0	0	0	552	0	0	0	0
165 Kapi'olani Medical Center	550	0	550	0	0	0	0	0	0	0	0	0
166 Public School Forum of NC	548	0	0	0	0	0	548	0	0	0	0	0
167 Asian Assn of Utah	546	0	0	0	0	0	0	546	0	0	0	0
168 Asian Pacific Dev Ctr CO	546	0	0	0	0	0	0	546	0	0	0	0
169 Rural Cmty Assistant Prgm	545	0	0	0	0	0	545	0	0	0	0	0
170 Project Return Foundation	542	0	0	0	0	0	0	542	0	0	0	0
Total 1st 170 institutions	729,526	3,246	6,339	144,500	17,485	27,224	60,963	157,582	5,967	208,362	53,421	44,437
171 Providence Plan	540	0	540	0	0	0	0	0	0	0	0	0
172 Alton Ochsner Med Fdn	535	0	0	0	0	0	0	535	0	0	0	0
173 Marine Environ Sci Cnsrtm	535	0	0	0	0	0	33	0	0	0	502	0
174 Cntr for Youth and Family	531	0	0	0	0	0	0	531	0	0	0	0
175 Committee for Auto Repair	530	0	0	0	0	0	530	0	0	0	0	0
176 Am Indian Opportunity	525	0	0	0	0	0	525	0	0	0	0	0
177 Cleveland Housing Network	525	0	525	0	0	0	0	0	0	0	0	0
178 Community Connections	525	0	0	0	0	0	0	525	0	0	0	0
179 Intst Shellfish Sanitatio	525	0	250	0	0	0	0	275	0	0	0	0
180 Local Env Initiatives	525	0	0	0	0	0	525	0	0	0	0	0
Total 1st 180 institutions	734,822	3,246	7,654	144,500	17,485	27,224	62,576	159,448	5,967	208,362	53,923	44,437
181 New York Acad of Med	525	0	0	0	0	0	0	525	0	0	0	0
182 North Platte Nebraska Hos	524	0	524	0	0	0	0	0	0	0	0	0
183 Med & Hlth Rsrch Assn NYC	521	0	0	0	0	0	0	521	0	0	0	0
184 Self Enhancement, Inc	519	0	0	0	0	0	0	519	0	0	0	0
185 Stroud Water Research Ctr	519	0	0	0	0	0	0	0	0	0	519	0
186 Univ Corp Advcd Internet	517	0	0	0	0	517	0	0	0	0	0	0
187 Civil Eng Research Fdn	515	0	15	0	0	0	500	0	0	0	0	0
188 US Space Foundation	510	0	0	0	0	0	0	0	0	510	0	0
189 Peer Center, Inc	509	0	0	0	0	0	0	509	0	0	0	0
190 Family Plng Cncl SE PA	508	0	0	0	0	0	0	508	0	0	0	0
Total 1st 190 institutions	739,989	3,246	8,193	144,500	17,485	27,741	63,076	162,030	5,967	208,872	54,442	44,437
191 Abyssinian Development Co	500	0	500	0	0	0	0	0	0	0	0	0
192 Challngr Ctr Space Sci Ed	500	0	0	0	0	0	0	0	0	500	0	0
193 Cmty Preservation & Dev	500	0	500	0	0	0	0	0	0	0	0	0
194 East Bay Perinatal Cncl	500	0	0	0	0	0	0	500	0	0	0	0
195 Greater WA Ed Telecomm	500	0	0	0	500	0	0	0	0	0	0	0
196 High Scope Ed Rsch Fdn	500	0	0	0	0	0	0	500	0	0	0	0
197 Natl Alliance St Sci Math	500	0	0	0	0	0	0	0	0	500	0	0
198 Natl Ctr Strategic Nonpro	500	0	0	0	0	0	0	0	0	0	0	500
199 Rehabilitation Exposure	500	0	0	0	0	0	0	500	0	0	0	0
200 SE Cnstrm Minorities Eng	500	0	0	0	0	0	0	0	0	500	0	0
Total 1st 200 institutions	744,989	3,246	9,193	144,500	17,985	27,741	63,076	163,530	5,967	210,372	54,442	44,937

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Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
201 Natl Empowerment Cntr	494	0	0	0	0	0	0	494	0	0	0	0
202 Science Museum Minnesota	493	0	0	0	0	0	0	0	0	0	493	0
203 L A City Mus Natr Hist	488	0	0	0	0	0	0	0	0	0	488	0
204 Natl Federation of the Bl	488	0	0	0	0	0	0	0	0	0	0	488
205 Am Indian Sci & Eng Soc	480	0	0	0	0	0	350	0	0	130	0	0
206 Orlena Hawks Puckett Inst	480	0	0	0	480	0	0	0	0	0	0	0
207 Natl Ctr Adv Technologies	479	0	0	479	0	0	0	0	0	0	0	0
208 ARC, The	477	0	0	0	177	0	0	0	0	0	0	300
209 Natl Action Cncl Min Eng	477	0	0	0	0	0	0	0	0	477	0	0
210 Shepherd Center, Inc	460	0	460	0	0	0	0	0	0	0	0	0
Total 1st 210 institutions	749,805	3,246	9,653	144,979	18,642	27,741	63,426	164,024	5,967	210,979	55,423	45,725
211 NE-Midwest Inst	454	0	0	0	0	225	229	0	0	0	0	0
212 Inst Expirtn Sea Rsch Fdn	453	0	0	453	0	0	0	0	0	0	0	0
213 Child Development Resourc	450	0	0	0	450	0	0	0	0	0	0	0
214 Community Options, Inc	450	0	0	0	450	0	0	0	0	0	0	0
215 Montana Job Training Part	450	0	0	0	0	0	0	0	0	0	0	450
216 Youth in Need	450	0	0	0	0	0	0	450	0	0	0	0
217 Orangewood Childrens Foun	447	0	0	0	0	0	0	447	0	0	0	0
218 Police Executive Research	445	0	0	0	0	0	0	0	0	0	0	445
219 Natl Env Ed & Trng Fdn	440	0	0	0	0	0	440	0	0	0	0	0
220 Natl Indian Youth Leader	437	0	0	0	0	0	0	437	0	0	0	0
Total 1st 220 institutions	754,281	3,246	9,653	145,432	19,542	27,966	64,095	165,358	5,967	210,979	55,423	46,620
221 Am Assc Retired Persons	435	0	0	0	0	0	0	435	0	0	0	0
222 Natl Assoc Reg Util Comms	434	0	0	0	0	434	0	0	0	0	0	0
223 Henry Ohlhoff House	431	0	0	0	0	0	0	431	0	0	0	0
224 WV Mntl Hlth Consumers As	426	0	0	0	0	0	0	426	0	0	0	0
225 Association of Kansas Hos	425	0	425	0	0	0	0	0	0	0	0	0
226 Natl Assc St Units Aging	425	0	0	0	0	0	0	400	0	0	0	25
227 Suicide Prevention Center	425	0	0	0	0	0	0	425	0	0	0	0
228 AMONG Amer Partnership	418	0	0	0	0	0	0	418	0	0	0	0
229 Cncl Alch Drg Abuse NW LA	418	0	0	0	0	0	0	418	0	0	0	0
230 Family Service Agcy, Inc	417	0	0	0	0	0	0	417	0	0	0	0
Total 1st 230 institutions	758,535	3,246	10,078	145,432	19,542	28,400	64,095	168,728	5,967	210,979	55,423	46,645
231 Sci Comm Oceanic Rsch	410	0	0	0	0	0	0	0	0	112	298	0
232 American Chemical Society	408	35	0	5	0	273	77	0	0	0	18	0
233 Student Asst Svc Fdn	403	0	0	0	0	0	0	403	0	0	0	0
234 Natl Env Hlth Associate	402	0	0	0	0	0	267	135	0	0	0	0
235 Fenway Community Hlth Ctr	401	0	0	0	0	0	0	401	0	0	0	0
236 Center for Drug-Free Livi	400	0	0	0	0	0	0	400	0	0	0	0
237 Intl Space University	400	0	0	0	0	0	0	0	0	400	0	0
238 Natl Ctzn Cltn Nrsg Hm Rf	400	0	0	0	0	0	0	400	0	0	0	0
239 People to People Hlth Fdn	400	0	0	0	0	0	0	400	0	0	0	0
240 Second Harvest	400	0	400	0	0	0	0	0	0	0	0	0
Total 1st 240 institutions	762,559	3,281	10,478	145,437	19,542	28,673	64,439	170,867	5,967	211,491	55,739	46,645
241 Shields for Families Proj	400	0	0	0	0	0	0	400	0	0	0	0
242 So CA Alcohol and Drug	400	0	0	0	0	0	0	400	0	0	0	0
243 Am Inst Chemical Eng	394	0	0	0	0	394	0	0	0	0	0	0
244 Am Cncl Enrgy-Effcnt Econ	391	0	0	0	0	356	35	0	0	0	0	0
245 John C. Ford Program, Inc	390	0	390	0	0	0	0	0	0	0	0	0
246 Natl Hispanic Cncl Aging	390	0	0	0	0	0	0	390	0	0	0	0
247 Chestnut Health Systems	386	0	0	0	0	0	0	386	0	0	0	0
248 Coastal Economic Dev Corp	380	0	380	0	0	0	0	0	0	0	0	0
249 Natl Assc Equal Oppor Ed	380	0	0	0	0	0	0	230	0	0	0	150
250 PR Unity for Progress	378	0	0	0	0	0	0	378	0	0	0	0
Total 1st 250 institutions	766,448	3,281	11,248	145,437	19,542	29,423	64,474	173,051	5,967	211,491	55,739	46,795

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
251 Life Science Rsch Fdn	369	0	0	0	0	369	0	0	0	0	0	0
252 American Society Aging	368	0	0	0	0	0	0	368	0	0	0	0
253 Am Wind Energy Assc	364	0	0	0	0	364	0	0	0	0	0	0
254 Inst for Responsible Mgt	361	0	0	0	0	0	361	0	0	0	0	0
255 Clinch-Powell Resource Co	360	0	360	0	0	0	0	0	0	0	0	0
256 Partnershp Env Tech Ed	358	0	0	0	0	175	183	0	0	0	0	0
257 Inst Elec & Electron Eng	354	0	0	36	0	45	0	0	0	80	193	0
258 Am Meteorological Soc	351	0	15	92	0	0	0	0	0	0	244	0
259 Chinatown Act for Progres	349	0	0	0	0	0	0	349	0	0	0	0
260 East Bay Comm Recoverey	347	0	0	0	0	0	0	347	0	0	0	0
Total 1st 260 institutions	770,029	3,281	11,623	145,565	19,542	30,376	65,018	174,115	5,967	211,571	56,176	46,795
261 Intl Inst Energy Csrvtn	346	0	0	0	0	0	346	0	0	0	0	0
262 Goodwill Indus Atlanta	339	0	0	0	0	0	0	0	0	0	0	339
263 Intl Assoc Jewish Vocatio	339	0	0	0	0	0	0	0	0	0	0	339
264 Natl Radiatn Protect Meas	338	0	0	50	0	0	158	0	0	130	0	0
265 Iowa Oncology Rsch Assc	335	0	0	0	0	0	0	335	0	0	0	0
266 Pac Inst Stud Dev Env Sec	335	0	0	0	0	0	335	0	0	0	0	0
267 Environmentl Defense Fund	331	0	0	0	0	0	331	0	0	0	0	0
268 In-Care Network, Inc	327	0	0	0	0	0	0	327	0	0	0	0
269 American Bar Foundation	323	0	0	0	0	0	0	0	0	0	323	0
270 Assoc State Enrgy Offcls	318	0	0	0	0	0	318	0	0	0	0	0
Total 1st 270 institutions	773,360	3,281	11,623	145,615	19,542	30,376	66,506	174,777	5,967	211,701	56,499	47,473
271 Mntl Hlth Consumers of AL	315	0	0	0	0	0	0	315	0	0	0	0
272 Central Inst for the Deaf	314	0	0	0	0	0	0	0	0	314	0	0
273 Urban Indian Hlth Board	314	0	0	0	0	0	0	314	0	0	0	0
274 Natl Hispanic Housng Cncl	312	0	0	0	0	0	0	0	0	0	0	312
275 Our Town Family Center	308	0	0	0	0	0	0	308	0	0	0	0
276 Natl Assn Local Brds Hlth	304	0	0	0	0	0	0	304	0	0	0	0
277 Community Health Councils	300	0	0	0	0	0	0	300	0	0	0	0
278 Epilepsy Fdn America	300	0	0	0	0	0	0	0	0	0	0	300
279 First Choice Cmty Hlth Ca	300	0	0	0	0	0	0	300	0	0	0	0
280 Grtr Lawrence Fam Hlth Ct	300	0	0	0	0	0	0	300	0	0	0	0
Total 1st 280 institutions	776,427	3,281	11,623	145,615	19,542	30,376	66,506	176,918	5,967	212,015	56,499	48,085
281 Mainstream Inc	300	0	0	0	0	0	0	0	0	0	0	300
282 Marie Selby Botan Gardens	300	0	0	0	0	0	0	0	0	0	300	0
283 Natl Ctr Disability Svc	300	0	0	0	0	0	0	0	0	0	0	300
284 Cmty Alternatives Svc Prg	299	0	0	0	0	0	0	299	0	0	0	0
285 Community Health & Social	298	0	0	0	0	0	0	298	0	0	0	0
286 Migrant Health Promotion	297	0	0	0	0	0	0	297	0	0	0	0
287 Lowell Community Hlth Ctr	295	0	0	0	0	0	0	295	0	0	0	0
288 Assoc for Human Potential	294	0	0	0	0	0	0	294	0	0	0	0
289 Urban Land Institute	294	0	0	0	0	0	88	0	0	0	0	206
290 Fairbanks Native Assn	292	0	0	0	0	0	0	292	0	0	0	0
Total 1st 290 institutions	779,396	3,281	11,623	145,615	19,542	30,376	66,594	178,693	5,967	212,015	56,799	48,891
291 New Mexico Resonance	291	0	0	0	0	115	0	0	0	176	0	0
292 First Nat Comm Hlth Svc	290	0	0	0	0	0	0	290	0	0	0	0
293 Center for Community Heal	284	0	0	0	0	0	0	284	0	0	0	0
294 Institute for Urban Famil	282	0	0	0	0	0	0	282	0	0	0	0
295 Concord-Assabet Fam&Adol	277	0	0	0	180	0	0	97	0	0	0	0
296 Natl Council on La Raza	272	0	0	0	0	0	72	0	0	200	0	0
297 Aerospace States Assn	270	0	0	0	0	0	0	0	0	270	0	0
298 Assn of Amer Med Colleges	270	0	0	0	0	0	0	270	0	0	0	0
299 American Cancer Society	267	0	0	0	0	0	0	267	0	0	0	0
300 Barrow Arctic Sci Cnsrtm	267	0	0	0	0	0	0	0	0	0	267	0
Total 1st 300 institutions	782,166	3,281	11,623	145,615	19,722	30,491	66,666	180,183	5,967	212,661	57,066	48,891

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
301 Nat'l Black Women's Healt	266	0	0	0	0	0	0	266	0	0	0	0
302 Geological Soc of America	265	0	0	0	0	0	0	0	42	0	223	0
303 Missouri Botanical Garden	265	0	0	0	0	0	0	0	0	0	265	0
304 La Familia Counseling Cen	262	0	0	0	0	0	0	262	0	0	0	0
305 Am Soc Testing Materials	260	0	0	0	0	0	260	0	0	0	0	0
306 Natl Asian Pac Ctr Aging	260	0	0	0	0	0	0	260	0	0	0	0
307 University Rsch Fdn	257	0	0	0	0	0	0	0	0	257	0	0
308 Jobs and Env Campaign Inc	255	0	0	0	0	0	255	0	0	0	0	0
309 Juvenile Protection Assoc	250	0	0	0	0	0	0	250	0	0	0	0
310 Natl Fish & Wildlife Fdn	250	0	0	0	0	0	240	0	10	0	0	0
Total 1st 310 institutions	784,756	3,281	11,623	145,615	19,722	30,491	67,421	181,221	6,019	212,918	57,554	48,891
311 SER Jobs for Progress Sou	250	0	0	0	0	0	0	0	0	0	0	250
312 Welfare to Work Partnersh	250	0	0	0	0	0	0	0	0	0	0	250
313 White Bison, Inc	250	0	0	0	0	0	0	250	0	0	0	0
314 Wmns Inst Secure Retirmnt	250	0	0	0	0	0	0	250	0	0	0	0
315 Natl Conf State Bldg Code	248	0	248	0	0	0	0	0	0	0	0	0
316 Cncl of State Governments	245	0	0	0	0	0	245	0	0	0	0	0
317 Cancer Cnsrtm of El Paso	241	0	0	0	0	0	0	241	0	0	0	0
318 Am Fisheries Society	238	0	0	0	0	0	215	0	23	0	0	0
319 Am Physical Society	237	0	0	0	0	40	0	0	0	0	197	0
320 California HICAP Associat	235	0	0	0	0	0	0	235	0	0	0	0
Total 1st 320 institutions	787,200	3,281	11,871	145,615	19,722	30.531	67,881	182,197	6,042	212,918	57,751	49,391
321 Am Public Hlth Assoc	233	0	0	0	0	0	0	233	0	0	0	0
322 Surface Trans Plcy Prjct	230	0	0	0	0	0	230	0	0	0	0	0
323 Ctr Advcy Rghts Intst Eld	228	0	0	0	0	0	0	228	0	0	0	0
324 Soc Applied Anthropology	227	0	0	0	0	0	227	0	0	0	0	0
325 Boys&Girls Club Am	225	0	0	0	0	0	0	0	0	0	0	225
326 Groundwater Fdn, The	225	0	0	0	0	0	200	0	25	0	0	0
327 Operation Respond	225	0	0	0	0	0	0	0	0	0	0	225
328 Ecological Soc of America	224	31	0	0	0	0	80	0	103	10	0	0
329 Natl Consumer Law Inc	220	0	0	0	0	0	0	220	0	0	0	0
330 Conf Radiatn Cntrl Drctrs	215	0	0	0	0	0	0	215	0	0	0	0
Total 1st 330 institutions	789,452	3,312	11,871	145,615	19,722	30,531	68,618	183,093	6,170	212,928	57,751	49,841
331 Hepatitis Foundation Intl	214	0	0	0	0	0	0	214	0	0	0	0
332 Metropolitan Family Svcs	212	0	0	0	0	0	0	212	0	0	0	0
333 Pacer Center	210	0	0	0	150	0	0	60	0	0	0	0
334 Dallas Helps	205	0	0	0	0	0	0	205	0	0	0	0
335 Assoc Farmworker Opprtnty	200	0	0	0	0	0	200	0	0	0	0	0
336 CA Chld Care Res Rfr Ntwk	200	0	0	0	0	0	0	200	0	0	0	0
337 Fr Flanagan's Boys Home	200	0	0	0	0	0	0	200	0	0	0	0
338 Natl Assn State Brds Ed	200	0	0	0	200	0	0	0	0	0	0	0
339 Womens Assn Womens Alts	198	0	0	0	0	0	0	0	0	0	0	198
340 SPRY Foundation	197	0	0	0	0	0	0	197	0	0	0	0
Total 1st 340 institutions	791,488	3,312	11,871	145,615	20,072	30,531	68,818	184,381	6,170	212,928	57,751	50,039
341 Intl Technology Ed Assoc	194	0	0	0	0	0	0	0	0	194	0	0
342 Am Col of Preventive Med	192	0	0	0	0	0	0	192	0	0	0	0
343 Berkshire Farm Ctr & Serv	192	0	0	0	0	0	0	192	0	0	0	0
344 Am Astronomical Society	191	0	0	0	0	0	0	0	0	191	0	0
345 Self Reliance Foundation	191	0	0	0	0	151	40	0	0	0	0	0
346 Winnebago Svc Area Hlth	187	0	0	0	0	0	0	187	0	0	0	0
347 American Bar Association	180	0	0	0	0	0	0	180	0	0	0	0
348 Cncl Chief St Schl Offcrs	179	0	0	0	179	0	0	0	0	0	0	0
349 Central City Concern	178	0	0	0	0	0	0	178	0	0	0	0
350 KISS Inst Practical Rbtcs	177	0	0	0	0	0	0	0	0	177	0	0
Total 1st 350 institutions	793,349	3,312	11,871	145,615	20,251	30,682	68,858	185,310	6,170	213,490	57,751	50,039

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
351 Local Gvrnmnt Cmsn of CA	177	0	0	0	0	0	177	0	0	0	0	0
352 Biores Dvlpmnt&Consrv Pgm	176	0	0	176	0	0	0	0	0	0	0	0
353 Ctr Social Gerontology	175	0	0	0	0	0	0	175	0	0	0	0
354 Natl Sr Citizen Law Ctr	175	0	0	0	0	0	0	175	0	0	0	0
355 Acad Natural Sci Phila	170	0	0	0	0	0	0	0	0	0	170	0
356 St & Terr Injury Preventi	169	0	0	0	0	0	0	169	0	0	0	0
357 Natl Recycling Cltn	168	0	0	0	0	0	168	0	0	0	0	0
358 Student Conservatn Assoc	167	0	0	0	0	0	0	0	167	0	0	0
359 Jobs for Youth Chicago In	161	0	0	0	0	0	0	0	0	0	0	161
360 Natl Assn St Dir Spcl Ed	160	0	0	0	160	0	0	0	0	0	0	0
Total 1st 360 institutions	795,047	3,312	11,871	145,791	20,411	30,682	69,203	185,829	6,337	213,490	57,921	50,200
361 Natl Ctr for State Courts	160	0	0	0	0	0	0	0	0	0	0	160
362 Terrene Institute	160	0	0	0	0	0	160	0	0	0	0	0
363 Cltn WI Aging Groups Inc	159	0	0	0	0	0	0	159	0	0	0	0
364 Regulatory Asstnc Prjt	157	0	0	0	0	157	0	0	0	0	0	0
365 California Resources Agcy	155	0	0	0	0	0	0	0	0	155	0	0
366 FL Environmntl Rsch Inst	155	0	0	155	0	0	0	0	0	0	0	0
367 United Engineering Trusts	153	0	0	20	0	13	0	0	0	0	120	0
368 Long Beach Research Fdn	152	0	0	0	0	0	0	152	0	0	0	0
369 Chicago Acad of Sci	151	0	0	0	0	0	0	0	0	151	0	0
370 Appletree Inst for Edu In	150	0	0	0	0	0	0	150	0	0	0	0
Total 1st 370 institutions	796,599	3,312	11,871	145,966	20,411	30,852	69,363	186,290	6,337	213,796	58,041	50,360
371 Assc Am Geographers	150	0	0	0	0	0	0	0	0	150	0	0
372 Cath Fam Ctr of Diocese	150	0	0	0	0	0	0	150	0	0	0	0
373 Center City Community Cor	150	0	0	0	0	0	0	150	0	0	0	0
374 Chicago Commons Assoc	150	0	0	0	0	0	0	150	0	0	0	0
375 Chicago Health Outreach	150	0	0	0	0	0	0	150	0	0	0	0
376 Depelchin Childrens Cente	150	0	0	0	0	0	0	150	0	0	0	0
377 EAC Inc	150	0	0	0	0	0	0	150	0	0	0	0
378 Escondido Youth Encounter	150	0	0	0	0	0	0	150	0	0	0	0
379 Fdn for Ed Achievement	150	0	0	0	150	0	0	0	0	0	0	0
380 Fdrtn Child Special Needs	150	0	0	0	150	0	0	0	0	0	0	0
Total 1st 380 institutions	798,099	3,312	11,871	145,966	20,711	30,852	69,363	187,340	6,337	213,946	58,041	50,360
381 Guidance Center Inc	150	0	0	0	0	0	0	150	0	0	0	0
382 Inst Study Learning Exper	150	0	0	120	0	0	0	0	0	30	0	0
383 Inwood Community Services	150	0	0	0	0	0	0	150	0	0	0	0
384 LA Gay&Lesbian Cmty Svc	150	0	0	0	0	0	0	150	0	0	0	0
385 Navajo Natl Health Fdn	150	0	0	0	0	0	0	150	0	0	0	0
386 Pension Rights Center	150	0	0	0	0	0	0	150	0	0	0	0
387 Richmond Area Multi-Servi	150	0	0	0	0	0	0	150	0	0	0	0
388 St Francis Center	150	0	0	0	0	0	0	150	0	0	0	0
389 Substance Abuse Resources	150	0	0	0	0	0	0	150	0	0	0	0
390 Thresholds	150	0	0	0	150	0	0	0	0	0	0	0
Total 1st 390 institutions	799,599	3,312	11,871	146,086	20,861	30,852	69,363	188,540	6,337	213,976	58,041	50,360
391 W Wilson Natl Fellowship	150	0	0	0	0	0	0	0	0	150	0	0
392 Wholistic Stress Control	150	0	0	0	150	0	0	0	0	0	0	0
393 Wshngtn Very Special Arts	150	0	0	0	0	0	0	150	0	0	0	0
394 Assc Natl Person Mayor	149	0	0	0	0	0	0	149	0	0	0	0
395 Cncl for Retarded Citizen	149	0	0	0	149	0	0	0	0	0	0	0
396 Community Health Care Inc	149	0	0	0	0	0	0	149	0	0	0	0
397 Enterprise Dvlpmt Inc	149	0	0	0	0	0	0	0	0	149	0	0
398 Inst Social Analysis Assc	149	0	149	0	0	0	0	0	0	0	0	0
399 JF Kennedy Med Ctr Fdn	149	0	0	0	149	0	0	0	0	0	0	0
400 Mntl Hlth Assn of Houston	149	0	0	0	0	0	0	149	0	0	0	0
Total 1st 400 institutions	801,092	3,312	12,020	146,086	21,309	30,852	69,363	189,137	6,337	214,275	58,041	50,360

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
401 North Mississippi Medical	149	0	149	0	0	0	0	0	0	0	0	0
402 NEA Health Info Network	145	0	0	0	0	0	145	0	0	0	0	0
403 Mountain States Group	144	0	0	0	0	0	0	144	0	0	0	0
404 Vera Inst of Justice, Inc	144	0	0	0	0	0	0	0	0	0	0	144
405 Grp Hlth Coop Puget Sound	143	0	0	0	0	0	0	143	0	0	0	0
406 Breaking Free Inc	142	0	0	0	0	0	0	142	0	0	0	0
407 Affordable Comfort	141	0	0	0	0	55	86	0	0	0	0	0
408 Hamot Health Foundation	141	0	0	0	0	0	0	141	0	0	0	0
409 Lesbian & Gay Cmty Svc Ct	141	0	0	0	0	0	0	141	0	0	0	0
410 Am Acad of Arts & Sci	140	0	0	0	0	0	0	0	0	0	140	0
Total 1st 410 institutions	802,522	3,312	12,169	146,086	21,309	30,907	69,594	189,848	6,337	214,275	58,181	50,504
411 Climate Institute	140	0	0	0	0	125	15	0	0	0	0	0
412 New England Aquarium Corp	140	0	0	140	0	0	0	0	0	0	0	0
413 Community Workshop, Inc	138	0	0	0	138	0	0	0	0	0	0	0
414 Ctr for Neighborhood Tech	137	0	0	0	0	0	137	0	0	0	0	0
415 Watershed Rsch&Trng Ctr	137	137	0	0	0	0	0	0	0	0	0	0
416 Windstar Foundation	136	0	0	0	0	0	0	0	0	136	0	0
417 Cmty Cltn Long Term Care	135	0	0	0	0	0	0	135	0	0	0	0
418 Primary Mental Health Pro	134	0	0	0	0	0	0	134	0	0	0	0
419 Natl Cnfc Black Mayor	133	0	0	0	0	0	0	0	0	0	0	133
420 Elder Law of MI, Inc	132	0	0	0	0	0	0	132	0	0	0	0
Total 1st 420 institutions	803,884	3,449	12,169	146,226	21,447	31,032	69,746	190,249	6,337	214,411	58,181	50,637
421 Natl Ctr Genome Resources	131	60	0	0	0	71	0	0	0	0	0	0
422 Am Assoc St Hwy&Trns Offc	130	0	0	0	0	0	0	0	0	0	0	130
423 Am Solar Energy Society	130	0	0	0	0	130	0	0	0	0	0	0
424 Natl Indian Cncl Aging	130	0	0	0	0	0	0	130	0	0	0	0
425 North Am Lake Mgt Soc	128	0	0	0	0	0	128	0	0	0	0	0
426 Pub Responsblty Med&Rsch	128	0	0	0	0	128	0	0	0	0	0	0
427 Chesapeake Rsch Cnsrtm	126	0	0	0	0	0	0	0	0	0	126	0
428 Am Speech Lang&Hearng	125	0	0	0	125	0	0	0	0	0	0	0
429 Assoc Water Pltn Control	125	0	0	0	0	0	125	0	0	0	0	0
430 Intl Braille Research Ctr	125	0	0	0	125	0	0	0	0	0	0	0
Total 1st 430 institutions	805,162	3,509	12,169	146,226	21,697	31,361	69,999	190,379	6,337	214,411	58,307	50,767
431 Jewish Emplymnt&Vctnl Svc	125	0	0	0	125	0	0	0	0	0	0	0
432 Latin American Research a	124	0	0	0	0	0	0	124	0	0	0	0
433 Green Mt Inst Env Demcrcy	123	0	0	0	0	0	123	0	0	0	0	0
434 Fed Am Soc Exper Biol	121	25	0	0	0	10	0	0	0	0	86	0
435 Groundwater Prtctn Cncl	120	0	0	0	0	0	120	0	0	0	0	0
436 Institute for Research on	120	0	0	0	0	0	0	0	0	120	0	0
437 Platte Rvr Whooping Crane	119	0	0	0	0	0	0	0	119	0	0	0
438 Assoc Metro Sewerage Ags	115	0	0	0	0	0	115	0	0	0	0	0
439 Natl Cmpgn Prvnt Teen Prg	115	0	0	0	0	0	0	115	0	0	0	0
440 Inst for Bird Populations	114	0	0	0	0	0	0	0	114	0	0	0
Total 1st 440 institutions	806,358	3,534	12,169	146,226	21,822	31,371	70,357	190,618	6,570	214,531	58,393	50,767
441 Institute of Ecosystem St	113	113	0	0	0	0	0	0	0	0	0	0
442 Cncl St Sci Supervisors	111	0	0	0	0	0	0	0	0	111	0	0
443 Substance Abuse and Addic	111	0	0	0	0	0	0	111	0	0	0	0
444 Assoc State Wetland Mgrs	110	0	0	0	0	0	110	0	0	0	0	0
445 Legal Aid Bureau, Inc	110	0	0	0	0	0	0	110	0	0	0	0
446 Southeast TN Legal Svcs	110	0	0	0	0	0	0	110	0	0	0	0
447 Utah Legal Services	110	0	0	0	0	0	0	110	0	0	0	0
448 Am Cncl Learned Societies	109	0	0	0	0	0	0	0	0	0	109	0
449 SC Research Inst	109	0	0	0	0	0	0	0	0	0	109	0
450 Soc Advancement Chicanos	108	0	0	0	0	5	0	0	0	61	42	0
Total 1st 450 institutions	807,459	3,647	12,169	146,226	21,822	31,376	70,467	191,059	6,570	214,703	58,653	50,767

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
451 Ctr Adv Hispanics Sci Eng	107	0	0	0	0	0	0	0	0	107	0	0
452 Rad Tech Comm Aerontcs	106	0	0	0	0	0	0	0	0	106	0	0
453 Am Soc Cell Biology	105	0	0	97	0	0	0	0	0	0	8	0
454 Natl Parent Tchrs Assoc	103	0	0	0	0	0	103	0	0	0	0	0
455 Assc Women Mathematics	102	0	0	0	0	11	0	0	0	0	91	0
456 NH Legal Assistance	102	0	0	0	0	0	0	102	0	0	0	0
457 Access to Justice Fdn	100	0	0	0	0	0	0	100	0	0	0	0
458 Am Statistical Assc	100	80	0	0	0	0	0	0	0	0	20	0
459 Atlanta Legal Aid Society	100	0	0	0	0	0	0	100	0	0	0	0
460 CA Strawberry Commission	100	100	0	0	0	0	0	0	0	0	0	0
Total 1st 460 institutions	808,484	3,827	12,169	146,323	21,822	31,387	70,570	191,361	6,570	214,916	58,772	50,767
461 Development Training Inst	100	0	0	0	0	0	100	0	0	0	0	0
462 Edison Materials Tech Ctr	100	0	0	0	0	100	0	0	0	0	0	0
463 Env Allnc Senior Invlvmnt	100	0	0	0	0	0	100	0	0	0	0	0
464 Legal Svcs Corp of Iowa	100	0	0	0	0	0	0	100	0	0	0	0
465 Legal Svcs of Northern CA	100	0	0	0	0	0	0	100	0	0	0	0
466 Legl Svcs for the Elderly	100	0	0	0	0	0	0	100	0	0	0	0
467 Natl Allnc End Hmlessness	100	0	0	0	0	0	0	0	0	0	0	100
468 Natl Assoc Local Govt Env	100	0	0	0	0	0	100	0	0	0	0	0
469 Natl States Geo Info Cncl	100	0	0	0	0	0	0	0	0	100	0	0
470 New England Council	100	0	0	0	0	0	0	0	0	0	0	100
Total 1st 470 institutions	809,484	3,827	12,169	146,323	21,822	31,487	70,870	191,661	6,570	215,016	58,772	50,967
471 Sixtnth St Cmty Hlth Ctr	100	0	0	0	0	0	100	0	0	0	0	0
472 Village Foundation	100	0	0	0	0	0	0	0	0	0	0	100
473 Northwest Justice Project	98	0	0	0	0	0	0	98	0	0	0	0
474 Mntl Hlth Assn Tarrant	97	0	0	0	0	0	0	97	0	0	0	0
475 Natl Assn Srv&Cnsrvt Crps	97	0	0	0	0	0	97	0	0	0	0	0
476 Opportunity Village	97	0	0	0	0	97	0	0	0	0	0	0
477 Arizona's Children Assoc	96	0	0	0	0	0	0	96	0	0	0	0
478 Clifford W Beers Guidance	96	0	0	0	0	0	0	96	0	0	0	0
479 Ctr for Comm Hlth, Educ,	96	0	0	0	0	0	0	96	0	0	0	0
480 East Cleveland Neighborho	96	0	0	0	0	0	0	96	0	0	0	0
Total 1st 480 institutions	810,457	3,827	12,169	146,323	21,822	31,584	71,067	192,240	6,570	215,016	58,772	51,067
481 Family Resources Inc	96	0	0	0	0	0	0	96	0	0	0	0
482 House Next Door	96	0	0	0	0	0	0	96	0	0	0	0
483 Inst for Community Rsrch	96	0	0	0	0	0	0	96	0	0	0	0
484 Inwood House	96	0	0	0	0	0	0	96	0	0	0	0
485 Latin American Youth Cent	96	0	0	0	0	0	0	96	0	0	0	0
486 Minneapolis Am Indian Ctr	96	0	0	0	0	0	0	96	0	0	0	0
487 North Central Comm Based	96	0	0	0	0	0	0	96	0	0	0	0
488 Peer Assistance Services	96	0	0	0	0	0	0	96	0	0	0	0
489 Pittsburgh Leadership Fdn	96	0	0	0	0	0	0	96	0	0	0	0
490 Project Heavy West	96	0	0	0	0	0	0	96	0	0	0	0
Total 1st 490 institutions	811,417	3,827	12,169	146,323	21,822	31,584	71,067	193,200	6,570	215,016	58,772	51,067
491 Project Info	96	0	0	0	0	0	0	96	0	0	0	0
492 Sinai Community Institute	96	0	0	0	0	0	0	96	0	0	0	0
493 Community Corrections Imp	95	0	0	0	0	0	0	95	0	0	0	0
494 On Our Own of MD, Inc	95	0	0	0	0	0	0	95	0	0	0	0
495 Renew America	95	0	0	0	0	0	95	0	0	0	0	0
496 Rndtbl State Pltn Prvntn	93	0	0	0	0	0	93	0	0	0	0	0
497 Concern, Inc	90	0	0	0	0	0	90	0	0	0	0	0
498 Ctrl Washington Comp Ment	90	0	0	0	0	0	0	90	0	0	0	0
499 Galileo Foundation	90	0	0	0	0	0	0	0	0	90	0	0
500 Good Smaritan Ctr of San	90	0	0	0	0	0	0	90	0	0	0	0
Total 1st 500 institutions	812,347	3,827	12,169	146,323	21,822	31,584	71,345	193,762	6,570	215,106	58,772	51,067

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
501 New Mexico Mesa Inc	90	0	0	0	0	0	0	0	0	90	0	0
502 North Central West Virgin	90	0	0	0	0	0	0	90	0	0	0	0
503 Wildlife Habitat Council	90	0	0	0	0	0	90	0	0	0	0	0
504 Assoc State Floodpln Mgrs	89	0	0	0	0	0	89	0	0	0	0	0
505 Acadia Institute	88	0	0	0	0	0	0	0	0	0	88	0
506 Botanical Garden Fdn, Inc	87	87	0	0	0	0	0	0	0	0	0	0
507 Assoc Western U Inc	86	0	0	0	0	86	0	0	0	0	0	0
508 McLaughlin Research Inst	86	0	0	0	0	0	0	0	0	0	86	0
509 Ctr Env Plcy Econ & Sci	85	0	0	0	0	0	85	0	0	0	0	0
510 Friendship House Associat	85	0	0	0	0	0	0	85	0	0	0	0
Total 1st 510 institutions	813,223	3,914	12,169	146,323	21,822	31,670	71,609	193,937	6,570	215,196	58,946	51,067
511 Reuse Dev Organization	85	0	0	0	0	0	85	0	0	0	0	0
512 Optical Soc of America	83	0	0	78	0	0	0	0	0	5	0	0
513 SEATC Fdn Env Ed	83	0	0	0	0	0	83	0	0	0	0	0
514 Am Assc of Engineers	80	0	0	0	0	0	0	0	0	0	80	0
515 Bat Conservation Intl	80	0	0	0	0	0	0	0	80	0	0	0
516 Air & Waste Mgt Assc	79	0	0	0	0	0	79	0	0	0	0	0
517 Am Assc Immunologists	79	0	0	0	0	0	0	79	0	0	0	0
518 Arkansas Seniors Organize	79	0	0	0	0	0	0	79	0	0	0	0
519 Charles Vlt Riley Mem Fdn	78	0	0	0	0	0	0	0	78	0	0	0
520 Soc Automotive Engineers	76	0	0	0	0	0	0	0	0	0	41	35
Total 1st 520 institutions	814,025	3,914	12,169	146,401	21,822	31,670	71,856	194,095	6,728	215,201	59,067	51,102
521 Adopt-A-Watershed	75	0	0	0	0	0	75	0	0	0	0	0
522 Assoc Svc & Cnsrvtn Corps	75	0	0	0	0	0	75	0	0	0	0	0
523 CA Advocates Nrsg Hm Ref	75	0	0	0	0	0	0	75	0	0	0	0
524 Chugachmiut	75	0	0	0	0	0	0	75	0	0	0	0
525 Equity Research Corp	75	0	0	0	0	0	0	0	0	75	0	0
526 Legal Services for NYC	75	0	0	0	0	0	0	75	0	0	0	0
527 Natl Cncl Negro Wmn (GA)	75	0	0	0	0	0	0	0	0	0	0	75
528 Soundvision Productions	75	0	0	0	0	75	0	0	0	0	0	0
529 National Technical Assn	73	0	0	0	0	0	0	0	0	73	0	0
530 Valley Zoological Society	73	0	73	0	0	0	0	0	0	0	0	0
Total 1st 530 institutions	814,771	3,914	12,242	146,401	21,822	31,745	72,006	194,320	6,728	215,349	59,067	51,177
531 Assc Computing Machinery	71	0	0	0	0	0	0	0	0	0	71	0
532 Older Womens Lg (DC)	71	0	0	0	0	0	0	71	0	0	0	0
533 American Liver Foundation	70	0	0	0	0	0	0	70	0	0	0	0
534 BSR Education Fund	70	0	0	0	0	0	70	0	0	0	0	0
535 Center for Resource Mgt	70	0	0	0	0	0	70	0	0	0	0	0
536 Harlem Hospital Center	70	0	0	0	0	0	0	70	0	0	0	0
537 Illinois State Museum	70	0	0	70	0	0	0	0	0	0	0	0
538 League of Women Voters	70	0	0	0	0	0	70	0	0	0	0	0
539 Exploratorium	68	0	0	0	0	0	0	0	0	0	68	0
540 Koolauloa Youth Organizat	64	0	0	0	0	0	0	64	0	0	0	0
Total 1st 540 institutions	815,465	3,914	12,242	146,471	21,822	31,745	72,216	194,595	6,728	215,349	59,206	51,177
541 Natl Assoc St Consmr Adv	64	0	0	0	0	64	0	0	0	0	0	0
542 Christiana Care Hlth Svc	63	0	0	0	0	0	0	63	0	0	0	0
543 Easter Seal Soc of Oregon	63	0	0	0	0	0	0	63	0	0	0	0
544 Green Seal	63	0	0	0	0	23	40	0	0	0	0	0
545 Conference Board Math Sci	62	0	0	0	0	0	0	0	0	0	62	0
546 Louis Jeffrsn Cnties Cmty	61	0	0	0	0	0	0	61	0	0	0	0
547 Sen Citizens Grtr Dallas	61	0	0	0	0	0	0	61	0	0	0	0
548 Visiting Nurse Assn of DE	61	0	0	0	0	0	0	61	0	0	0	0
549 1000 Friends of Oregon	60	0	0	0	0	0	60	0	0	0	0	0
550 Am Assc Cmty & Jr Col	60	0	0	0	0	0	0	0	0	0	0	60
Total 1st 550 institutions	816,083	3,914	12,242	146,471	21,822	31,832	72,316	194,904	6,728	215,349	59,268	51,237

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
551 American Economic Assc	60	0	0	0	0	0	0	0	0	0	60	0
552 Bluegrass Regional MH-MR	60	0	0	0	0	0	0	60	0	0	0	0
553 CA Network of Mntl Hlth	60	0	0	0	0	0	0	60	0	0	0	0
554 Consumer Advocacy Comm	60	0	0	0	0	0	0	60	0	0	0	0
555 Gulf Coast Cmty Care	60	0	0	0	0	0	0	60	0	0	0	0
556 Jobs for the Future	60	0	0	0	0	0	0	0	0	0	0	60
557 M-Power, Inc	60	0	0	0	0	0	0	60	0	0	0	0
558 MO Mental Hlth Consumer	60	0	0	0	0	0	0	60	0	0	0	0
559 Mntl Hlth Assn NY State	60	0	0	0	0	0	0	60	0	0	0	0
560 NE Advocacy Services	60	0	0	0	0	0	0	60	0	0	0	0
Total 1st 560 institutions	816,683	3,914	12,242	146,471	21,822	31,832	72,316	195,384	6,728	215,349	59,328	51,297
561 Prnts Help Prnts San Fran	60	0	0	0	0	0	0	60	0	0	0	0
562 TN Mntl Hlth Consum Assn	60	0	0	0	0	0	0	60	0	0	0	0
563 TX Mntl Hlth Consumers	60	0	0	0	0	0	0	60	0	0	0	0
564 VT Psychiatric Survivors	60	0	0	0	0	0	0	60	0	0	0	0
565 U Assoc Rsch & Ed Pathol	59	0	0	0	0	0	0	59	0	0	0	0
566 Assoc Asian Pac Cmty Hlth	56	0	0	0	0	0	56	0	0	0	0	0
567 Centro De Salud Familiar	56	0	56	0	0	0	0	0	0	0	0	0
568 Am Public Works Assc	55	0	0	0	0	0	55	0	0	0	0	0
569 Hydrolic Research Ctr	55	0	0	0	0	0	0	0	0	55	0	0
570 Pacific Rivers Cncl, Inc	55	0	0	0	0	0	55	0	0	0	0	0
Total 1st 570 institutions	817,259	3,914	12,298	146,471	21,822	31,832	72,482	195,683	6,728	215,404	59,328	51,297
571 Sacramento Medical Founda	54	0	0	0	0	0	0	54	0	0	0	0
572 Materials Research Soc	53	0	0	36	0	0	0	0	0	0	17	0
573 Minnesota Senior Fedrtn	53	0	0	0	0	0	0	53	0	0	0	0
574 Natl Blood Data Resource	53	0	0	0	0	0	0	53	0	0	0	0
575 Assc Rsch Vision Ophthal	51	0	0	0	0	0	0	51	0	0	0	0
576 CT Legal Rights Project	51	0	0	0	0	0	0	51	0	0	0	0
577 Aspen Institute	50	0	0	0	0	0	50	0	0	0	0	0
578 Clean Airport Partnership	50	0	0	0	0	0	50	0	0	0	0	0
579 Entomological Soc of Am	50	0	0	0	0	0	0	0	0	0	50	0
580 La Cooperativa Campesina	50	0	0	0	0	0	0	0	0	0	0	50
Total 1st 580 institutions	817,774	3,914	12,298	146,507	21,822	31,832	72,582	195,945	6,728	215,404	59,395	51,347
581 National Arbor Day Fdn	50	0	0	0	0	0	50	0	0	0	0	0
582 Natl Am Indian Hsng Cncl	50	0	0	0	0	50	0	0	0	0	0	0
583 Natl Assoc Injury Control	50	0	0	0	0	0	0	50	0	0	0	0
584 Natl Ctr for Small Cmnts	50	0	0	0	0	0	50	0	0	0	0	0
585 Natl Medical Assoc	50	0	0	0	0	0	0	50	0	0	0	0
586 Organic Farming Rsch Fdn	50	0	0	0	0	0	50	0	0	0	0	0
587 Chemical Heritage Fdn	49	0	0	0	0	0	0	0	0	0	49	0
588 Electrochemical Society	49	0	0	16	0	30	0	0	0	0	3	0
589 Forest Products Society	49	49	0	0	0	0	0	0	0	0	0	0
590 Med Care Development, Inc	48	0	0	0	0	0	0	48	0	0	0	0
Total 1st 590 institutions	818,269	3,963	12,298	146,523	21,822	31,912	72,732	196,093	6,728	215,404	59,447	51,347
591 Natl Legal Aid & Defender	48	0	0	0	0	0	0	0	0	0	0	48
592 American Nuclear Society	45	0	0	0	0	0	0	0	0	0	0	45
593 Cmpstng Cncl Rsch&Ed Fdn	45	0	0	0	0	0	45	0	0	0	0	0
594 Natl Env Training Assoc	45	0	0	0	0	0	45	0	0	0	0	0
595 Crow Valley Livestock	42	42	0	0	0	0	0	0	0	0	0	0
596 Natl Commission on Correc	41	0	0	0	0	0	0	41	0	0	0	0
597 Appropriate Tech Intl	40	0	0	0	0	0	40	0	0	0	0	0
598 Assoc Unmand Vehicle Sys	40	0	0	40	0	0	0	0	0	0	0	0
599 Hist of Science Society	40	0	0	0	0	0	0	0	0	0	40	0
600 Marine Env Ed Fdn, Inc	40	0	0	0	0	0	40	0	0	0	0	0
Total 1st 600 institutions	818,695	4,005	12,298	146,563	21,822	31,912	72,902	196,134	6,728	215,404	59,487	51,440

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
601 Midtown Educational Fdn	40	0	0	0	0	0	0	0	0	40	0	0
602 Am Soc for Photobiology	39	0	0	0	0	0	0	0	0	0	39	0
603 American Society for Nutr	39	0	0	0	0	0	0	39	0	0	0	0
604 National Forensic Science	38	0	38	0	0	0	0	0	0	0	0	0
605 Metro Chicago Info Ctr	37	37	0	0	0	0	0	0	0	0	0	0
606 Ctr Watershed Protection	35	0	0	0	0	0	35	0	0	0	0	0
607 Intl Soc Optical Eng	35	0	0	20	0	0	0	0	0	0	0	15
608 Farm Foundation	34	34	0	0	0	0	0	0	0	0	0	0
609 Museum of Northern AZ	33	0	0	0	0	33	0	0	0	0	0	0
610 Natl Soc Black Engineers	32	0	0	0	0	0	0	0	0	32	0	0
Total 1st 610 institutions	819,057	4,076	12,336	146,583	21,822	31,945	72,937	196,173	6,728	215,476	59,526	51,455
611 Soc Hispanic Prof Eng CA	31	0	0	0	0	0	0	0	0	31	0	0
612 Izaak Walton League Am	30	0	0	0	0	0	30	0	0	0	0	0
613 Wildlife Conservation Soc	30	30	0	0	0	0	0	0	0	0	0	0
614 Assoc Sci Woods Hole	29	0	0	29	0	0	0	0	0	0	0	0
615 CT Audubon Society	29	0	0	0	0	0	0	0	29	0	0	0
616 Ctr for Desert Archaelogy	29	0	0	0	0	0	0	0	0	0	29	0
617 New Eng Biomed&Res Assn	29	0	0	0	0	0	29	0	0	0	0	0
618 Kystn Symp Molec Cell Bio	28	0	0	0	0	0	0	0	0	10	18	0
619 Princeton U Press	28	0	0	0	0	0	0	0	0	0	28	0
620 American Judicature Socie	26	0	0	0	0	26	0	0	0	0	0	0
Total 1st 620 institutions	819,346	4,106	12,336	146,612	21,822	31,971	72,996	196,173	6,757	215,517	59,601	51,455
621 Ducks Unlimited, Inc	26	0	0	0	0	0	0	0	26	0	0	0
622 Alaska Clean Seas	25	0	0	0	0	0	0	0	25	0	0	0
623 American Society Training	25	0	0	0	0	0	0	0	0	0	0	25
624 Conservation Fund, The	25	0	0	0	0	0	25	0	0	0	0	0
625 Earth Images Foundation	25	0	0	0	0	0	0	0	0	0	25	0
626 Green Thumb	25	0	0	0	0	0	0	0	0	0	0	25
627 Houston Advanced Rsch	25	0	0	0	0	0	25	0	0	0	0	0
628 Mathcounts Foundation	25	0	0	0	0	0	0	0	0	25	0	0
629 Natl Assn Regional Cncls	25	0	0	0	0	0	0	0	0	0	0	25
630 Natl Cncl Negro Wmn (DC)	25	0	0	0	0	0	0	0	0	0	0	25
Total 1st 630 institutions	819,597	4,106	12,336	146,612	21,822	31,971	73,046	196,173	6,808	215,542	59,626	51,555
631 Oficina Legal del Pueblo	25	0	0	0	0	0	0	25	0	0	0	0
632 Radiation Rsch Soc VA	25	0	0	0	0	25	0	0	0	0	0	0
633 Solar Energy Intl	25	0	0	0	0	0	0	0	0	25	0	0
634 TN Conservation League	25	0	0	0	0	0	0	0	25	0	0	0
635 Desert Botanical Garden	24	24	0	0	0	0	0	0	0	0	0	0
636 Soc Integrative Comp Bio	22	0	0	0	0	0	0	0	0	0	22	0
637 Cncl Food Agri & Res Econ	20	20	0	0	0	0	0	0	0	0	0	0
638 German-Am Acad Cncl Fdn	20	0	0	0	0	0	0	0	0	0	20	0
639 Inst Rsch & Tech Asstnc	20	0	0	0	0	0	20	0	0	0	0	0
640 Natl Assc Corrosion Eng	20	0	0	20	0	0	0	0	0	0	0	0
Total 1st 640 institutions	819,823	4,150	12,336	146,632	21,822	31,996	73,066	196,198	6,833	215,567	59,668	51,555
641 Wildlife Management Inst	20	0	0	0	0	0	10	0	10	0	0	0
642 Education Matters	19	0	0	0	19	0	0	0	0	0	0	0
643 Astronomical Soc Pacific	18	0	0	0	0	0	0	0	0	0	18	0
644 Natl Cncl Teachers Math	17	0	0	0	0	0	0	0	0	0	17	0
645 Biophysical Society	16	0	0	0	0	0	0	0	0	0	16	0
646 Am Agricultural Econ Assn	15	15	0	0	0	0	0	0	0	0	0	0
647 Inspire, Inc	15	0	0	0	0	0	0	0	0	15	0	0
648 Interam Col Phys & Surg	15	0	0	0	0	0	0	15	0	0	0	0
649 Pacific Economic Cooperat	15	15	0	0	0	0	0	0	0	0	0	0
650 Water Education Fdn	14	0	0	0	0	0	9	0	5	0	0	0
Total 1st 650 institutions	819,987	4,180	12,336	146,632	21,841	31,996	73,085	196,213	6,848	215,582	59,719	51,555

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1999

[Dollars in thousands]

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Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
651 World Wildlife Fund US	14	14	0	0	0	0	0	0	0	0	0	0
652 United Negro College Fund	13	0	0	13	0	0	0	0	0	0	0	0
653 Ann Arbor Hands-On Musm	12	0	0	0	0	0	0	0	0	0	12	0
654 Ctr for Community Change	12	0	0	0	0	0	0	0	0	0	0	12
655 Puerto Rico Consrvtn Fdn	12	12	0	0	0	0	0	0	0	0	0	0
656 Soc of American Forests	12	12	0	0	0	0	0	0	0	0	0	0
657 Alaska Bird Observatory	11	0	0	0	0	0	0	0	11	0	0	0
658 Real Estate Ed Assn	11	0	0	0	0	0	11	0	0	0	0	0
659 Acoustical Soc America	10	0	0	0	0	0	0	0	0	10	0	0
660 Association for Environme	10	10	0	0	0	0	0	0	0	0	0	0
Total 1st 660 institutions	820,104	4,228	12,336	146,645	21,841	31,996	73,096	196,213	6,859	215,592	59,731	51,567
661 Cncl Prof Assoc Fed Stats	10	0	0	0	0	0	0	0	0	0	0	10
662 Interface Fdn of North Am	10	0	0	0	0	0	0	0	0	0	10	0
663 Karst Waters Institute	10	0	0	0	0	0	0	0	0	0	10	0
664 Society for Tropical Vete	10	10	0	0	0	0	0	0	0	0	0	0
665 Eastern ME Dvlpmt Corp	9	0	0	0	0	0	0	0	9	0	0	0
666 Madison Childrens Museum	9	9	0	0	0	0	0	0	0	0	0	0
667 Paleontological Rsch Inst	9	0	0	0	0	0	0	0	0	0	9	0
668 American Inst Physics	7	0	2	0	0	0	0	0	0	0	5	0
669 Chicago Horticultural Soc	7	0	0	0	0	0	0	0	7	0	0	0
670 Internatl Map Trade Assoc	7	0	0	0	0	0	0	0	7	0	0	0
Total 1st 670 institutions	820,192	4,247	12,338	146,645	21,841	31,996	73,096	196,213	6,882	215,592	59,765	51,577
671 American Inst Architects	6	0	0	6	0	0	0	0	0	0	0	0
672 Malpai Borderlands Group	6	6	0	0	0	0	0	0	0	0	0	0
673 Natl Cltn Adv Mnfctrng	6	0	0	0	0	0	0	0	0	0	0	6
674 Am Physiological Society	5	0	0	5	0	0	0	0	0	0	0	0
675 Intl Assoc Wildland Fire	5	5	0	0	0	0	0	0	0	0	0	0
676 Mineral Metals Mat Soc	5	0	0	5	0	0	0	0	0	0	0	0
677 Society for Biomaterials	5	0	0	0	0	0	0	0	0	0	5	0
678 Oceanic Society	4	0	0	4	0	0	0	0	0	0	0	0
679 Global Foundation, Inc	3	0	0	0	0	0	0	0	0	0	3	0
680 RCI, LTD	3	0	0	0	0	3	0	0	0	0	0	0
Total 1st 680 institutions	820,240	4,258	12,338	146,665	21,841	31,999	73,096	196,213	6,882	215,592	59,773	51,583

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[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, State, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-31. Federal obligations for science and engineering to selected consortia of institutions: fiscal years 1992-1999

[Dollars in thousands]

Consortium	1992	1993	1994	1995	1996	1997	1998	1999
Total, all consortia	125,830	114,874	101,795	101,921	102,376	17,290	10,445	15,451
Barrow Arctic Science Consortium	0	0	0	0	0	114	51	267
Central U.S. Earthquake Consortium	0	0	0	92	0	96	0	0
Consortium for International Development	0	84	0	0	0	0	0	0
Consortium for International Earth Science Information Network	24,815	18,975	10,380	6,311	4,782	3,607	2,111	0
Consortium for Oceanographic Rsch & Education	0	0	0	0	649	665	346	705
Five Colleges, Inc.	0	653	28	187	71	36	24	24
Louisiana Universities Marine Consortium	880	599	17	0	0	202	265	724
Midwest Universities Consortium for International Activities	0	0	0	1,766	48	0	0	0
Mississippi-Alabama Sea Grant Consortium	1,251	0	1,095	0	0	1,800	364	1,482
Mississippi Research Consortium	129	0	0	0	584	1,899	3,761	1,127
National Consortium for Graduate Degrees for Minorities in Engineering & Science	124	98	79	127	357	206	1,331	470
National Physical Science Consortium	0	0	0	816	121	846	659	15
Science & Engineering Alliance, Inc.	0	0	0	0	75	0	0	0
SECME, Inc. (SE Consortium for Minorities in Engineering)	0	0	0	0	25	0	0	0
Sematech, Inc.	97,600	92,935	88,696	87,900	84,587	0	0	0
South Carolina Sea Grant Consortium	1,031	30	0	2,322	3,226	3,466	300	5,686
Southwestern Ohio Council for Higher Education	0	0	0	0	0	0	1,031	798
West Virginia High Technology Consortium	0	1,500	1,500	2,400	7,851	3,891	202	4,153
Western Kansas Community Service Consortium	0	0	0	0	0	462	0	0

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-32. Federal obligations for science and engineering (S&E) to selected consortia of institutions, by type of activity: fiscal year 1999

[Dollars in thousands]

Consortium	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Total, all consortia	15,451	12,102	0	0	754	1,976	619
Barrow Arctic Science Consortium	267	267	0	0	0	0	0
Consortium for Oceanographic Rsch & Education	705	705	0	0	0	0	0
Five Colleges, Inc.	24	24	0	0	0	0	0
Louisiana Universities Marine Consortium	724	494	0	0	0	0	230
Mississippi-Alabama Sea Grant Consortium	1,482	741	0	0	89	652	0
Mississippi Research Consortium	1,127	1,127	0	0	0	0	0
National Consortium for Graduate Degrees for Minorities in Engineering & Science	470	0	0	0	470	0	0
National Physical Science Consortium	15	0	0	0	15	0	0
South Carolina Sea Grant Consortium	5,686	3,793	0	0	180	1,324	389
Southwestern Ohio Council for Higher Education	798	798	0	0	0	0	0
West Virginia High Technology Consortium	4,153	4,153	0	0	0	0	0

[1] See Technical Notes, "Categories of Support."

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

Table B-33. Federal obligations for science and engineering to selected consortia of institutions, by agency: fiscal year 1999

[Dollars in thousands]

Consortium	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all consortia	15,451	0	7,469	5,470	0	0	470	0	1,701	341	0
Barrow Arctic Science Consortium	267	0	0	0	0	0	0	0	0	267	0
Consortium for Oceanographic Research & Education	705	0	0	631	0	0	0	0	0	74	0
Five Colleges, Inc.	24	0	0	0	0	0	0	0	24	0	0
Louisiana Universities Marine Consortium	724	0	286	438	0	0	0	0	0	0	0
Mississippi-Alabama Sea Grant Consortium	1,482	0	1,482	0	0	0	0	0	0	0	0
Mississippi Research Consortium	1,127	0	0	0	0	0	0	0	1,127	0	0
National Consortium for Graduate Degrees for Minorities in Engineering & Science	470	0	0	0	0	0	470	0	0	0	0
National Physical Science Consortium	15	0	15	0	0	0	0	0	0	0	0
South Carolina Sea Grant Consortium	5,686	0	5,686	0	0	0	0	0	0	0	0
Southwestern Ohio Council for Higher Education	798	0	0	798	0	0	0	0	0	0	0
West Virginia High Technology Consortium	4,153	0	0	3,603	0	0	0	0	550	0	0

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Appalachian Regional Commission; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

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SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999

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